

FREIGHT CAR PERFORMANCE

January 1920

This is the first of a series of monthly statements to be issued by the Bureau of Railway Economics, designed to show the freight car performance of railways of Class I, separately for each railway, by districts and regions, and for the United States as a whole. The statistics for the month of January, 1920, herein presented, are based upon the reports of the several railways to the United States Railroad Administration.

Railways of Class I are those with annual operating revenues above \$1,000,000. This class of roads operate an aggregate mileage approximating 90 per cent of the total standard guage steam railway mileage of the United States, and own about 96 per cent of the total number of standard guage railway cars. The operated mileage included in this statement for January is 230,509 miles of line.

The detailed statistics appear on the second, third, and fourth pages, with a general summary by regions at the top of the second page. A monthly summary covering the period from January, 1917, to January, 1920, appears at the foot of the fourth page.

Net ton-miles include both revenue and non-revenue freight throughout. Freight car-miles include all mileage made by revenue freight cars in freight and mixed trains. Unserviceable freight cars are those in or awaiting shop, including all "bad order" cars.

The significant factors for the month of January were as follows:

Per cent of loaded car-miles.....	70.9
Car-miles per day.....	22.8
Tons per loaded car.....	28.3
Per cent of unserviceable cars.....	6.6

JANUARY	1920	Net ton-miles (thouande) 1	Freight car-miles (thouande)			Freight cars on line daily		Efficiency ratios		
			Total 2	Loaded 3	Per cent loaded to total 4 = 3 ÷ 2	Total 5	Unservice- able 6	Car-miles per day 7 = $\frac{2 \div 5}{31}$	Tons per car 8 = 1 ÷ 3	Per cent of unservice- able cars 9 = 6 ÷ 5
Road										
EASTERN REGION	7 970 007	402 189	288 028	71.6	656 799	49 969	19.8	27.7	7.6	
ALLEGHENY REGION	6 376 534	282 371	189 779	67.2	461 327	34 815	19.7	33.6	7.5	
POCAHONTAS REGION	2 091 179	79 935	49 672	62.1	84 115	6 125	30.7	41.9	7.3	
SOUTHERN REGION	4 767 600	250 143	181 572	72.6	309 003	17 559	26.1	26.3	5.7	
NORTHWESTERN REGION	4 530 313	238 336	175 803	73.8	362 372	22 407	21.2	25.8	6.2	
CENTRAL WESTERN REGION	5 448 659	342 590	243 582	71.1	364 673	20 730	30.3	26.5	5.7	
SOUTHWESTERN REGION	2 595 420	138 432	100 152	72.3	214 938	9 285	20.8	25.9	4.3	
GRAND TOTAL - ALL REGIONS	34 769 722	1 733 995	1 228 588	70.9	2 453 227	160 890	22.8	28.3	6.6	
EASTERN REGION										
New England District										
Bangor & Aroostook	23 206	1 779	1 116	62.7	3 368	202	17.0	20.8	6.0	
Boonton & Albany	109 487	6 716	5 140	76.5	9 082	405	23.9	21.3	4.5	
Boonton & Maine	312 113	17 923	12 978	72.4	38 353	3 413	15.1	24.0	8.9	
Central New England	40 981	2 005	1 304	65.0	4 622	484	14.0	31.4	10.5	
Central Vermont	26 542	1 803	1 314	72.9	3 177	217	18.3	20.2	6.8	
Grand Trunk in New England	29 119	1 502	894	59.5	1 668	94	29.0	32.6	5.6	
Maine Central	85 411	5 248	3 547	67.6	9 905	1 042	17.1	24.1	10.5	
New York, New Haven & Hartford	249 646	14 204	11 292	79.5	44 712	2 519	10.2	22.1	5.6	
Rutland	19 910	1 028	865	84.1	1 617	122	20.5	23.0	7.5	
Central District										
Ann Arbor	36 375	1 393	1 160	83.3	3 615	224	12.4	31.4	6.2	
Buffalo, Rochester & Pittsburg	168 388	7 131	4 230	59.3	9 150	512	25.1	39.8	5.6	
Delaware & Hudson	291 072	13 053	8 331	63.8	17 672	1 066	23.8	34.9	6.0	
Delaware, Lackawanna & Western	396 900	20 169	14 437	71.6	23 106	1 487	28.2	27.5	6.4	
Detroit & Mackinac	4 962	349	246	70.5	956	137	11.8	20.2	14.3	
Detroit & Toledo Shore Line	14 659	694	411	59.2	1 310	92	17.1	35.7	7.0	
Erie (Incl. Chicago & Erie)	904 434	43 969	30 772	70.0	54 303	4 148	26.1	29.4	7.6	
Grand Trunk Western Lines	141 133	8 475	6 317	74.5	13 808	1 827	19.8	22.3	13.2	
Lehigh & Hudson River	27 155	1 032	758	73.4	1 593	72	20.9	35.6	4.5	
Lehigh & New England	22 180	851	483	56.8	3 022	245	9.1	45.9	8.1	
Lehigh Valley	469 636	23 002	16 282	70.8	34 368	2 367	21.6	28.8	6.9	
Michigan Central	398 259	22 130	17 035	77.0	40 912	2 556	17.4	23.4	6.2	
Monongahela	21 973	891	482	54.1	1 813	101	15.9	45.6	5.6	
New York Central	1 720 743	91 742	65 645	71.6	149 975	10 573	19.7	26.2	7.0	
New York, Chicago & St. Louis	266 446	13 697	11 094	81.0	12 039	693	36.7	24.0	5.8	
New York, Ontario & Western	58 030	2 448	1 637	66.9	6 245	925	12.6	35.4	14.8	
New York, Susquehanna & West. (Incl. WE&E)	7 509	330	236	71.5	2 785	49	3.8	31.8	1.8	
Pere Marquette	176 105	9 576	7 086	74.0	24 162	1 630	12.8	24.9	6.7	
Pittsburg & Lake Erie	196 845	7 726	4 775	61.8	23 941	2 611	10.4	41.2	10.9	
Pittsburg & Shawmut	11 957	453	237	52.3	573	17	25.5	50.5	3.0	
Pittsburgh & West Virginia	9 566	356	235	66.0	966	98	11.9	40.7	10.1	
Ulster & Delaware	1 209	74	46	62.2	229	6	10.4	26.3	2.6	
Wabash	395 707	19 614	15 803	80.6	24 393	2 277	25.9	25.0	9.3	
Ohio-Indiana District										
Chicago, Indianapolis & Louisville	92 215	4 197	2 988	71.2	6 392	757	21.2	30.9	11.8	
Cincinnati, Indianapolis & Western	24 626	1 292	955	77.0	1 820	273	22.9	24.7	15.0	
Cincinnati Northern	26 110	1 327	897	67.6	1 241	81	34.5	31.3	6.5	
Cleveland, Cinn., Chicago & St. Louis	581 476	28 434	19 955	70.2	33 233	2 106	27.6	29.1	6.3	
Detroit, Toledo & Ironton	45 529	1 536	1 084	70.6	3 538	563	14.0	42.0	15.9	
Hocking Valley	128 867	4 864	2 983	61.3	10 453	1 825	15.0	43.2	17.5	
Kanawha & Michigan	38 789	1 734	971	56.0	2 818	265	19.8	39.9	9.4	
Lake Erie & Western	86 331	3 909	3 175	81.2	5 831	421	21.6	27.2	7.2	
Toledo & Ohio Central	113 167	4 962	2 599	52.4	8 170	562	19.6	43.5	6.9	
Toledo, St. Louis & Western	103 265	5 088	3 883	76.3	4 109	161	38.9	26.6	3.9	
Wheeling & Lake Erie (Incl. L&WV)	89 972	3 483	2 310	66.3	11 754	744	9.6	38.9	6.3	
Total - New England District	895 415	52 208	38 450	73.6	116 504	8 498	14.5	23.3	7.3	
Total - Central District	5 741 249	289 155	207 738	71.8	450 936	33 713	20.7	27.6	7.5	
Total - Ohio-Indiana District	1 332 245	60 826	41 840	68.8	89 359	7 758	22.0	31.8	8.7	
GRAND TOTAL - EASTERN REGION	7 970 007	402 189	288 028	71.6	656 799	49 969	19.8	27.7	7.6	
ALLEGHENY REGION										
Baltimore & Ohio (East and West)	1 578 174	73 020	48 787	65.4	96 921	5 649	24.3	32.3	5.8	
Beesemer & Lake Erie	72 221	2 146	1 541	71.8	3 616	320	19.1	46.9	8.8	
Buffalo & Susquehanna	25 281	1 110	581	52.3	1 267	153	28.3	43.5	12.1	
Central of New Jersey	213 394	10 258	6 424	62.6	24 865	1 939	13.3	33.2	7.8	
Cumberland Valley	39 852	1 933	1 191	61.6	1 675	97	37.2	33.5	5.8	
Grand Rapids & Indiana	45 508	2 201	1 684	76.5	4 677	736	15.2	27.0	15.7	
Long Island	9 585	703	474	67.4	5 806	209	3.9	20.2	3.6	
New York, Philadelphia & Norfolk	36 021	1 825	1 599	87.6	2 445	90	24.1	22.5	3.7	
Pennsylvania (East)	2 452 728	101 269	68 018	57.2	165 652	12 113	19.7	36.1	7.3	
Pennsylvania (West) (Incl. PCC&StL)	1 093 547	56 869	38 730	68.1	103 757	10 436	17.7	28.3	10.1	
Philadelphia & Reading	512 795	23 990	16 242	67.7	41 038	2 328	18.9	37.7	5.7	
Western Maryland	182 919	6 486	4 120	63.5	8 298	737	25.2	44.4	8.9	
West Jersey & Seashore	11 499	561	388	69.2	1 310	8	13.8	29.6	0.6	
TOTAL - ALLEGHENY REGION	6 376 534	282 371	189 779	67.2	461 327	34 815	19.7	33.6	7.5	

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JANUARY	1920	Net ton-miles (thousands) 1	Freight car-miles (thousands)			Freight cars on line daily		Efficiency ratios		
			Total 2	Loaded 3	Per cent loaded to total 4 = 3 ÷ 2	Total 5	Unservice- able 6	Car-miles per day 7 = $\frac{2 \div 5}{31}$	Tons per car 8 = 1 ÷ 3	Per cent of unservice- able cars 9 = 6 ÷ 5
Road										
POCAHONTAS REGION										
Chesapeake & Ohio		933 840	37 132	22 907	61.7	38 304	3 188	31.3	40.8	8.3
Norfolk & Western		931 965	34 850	22 696	65.1	37 150	2 267	30.3	41.1	6.1
Virginian		215 374	7 953	4 069	51.2	8 661	670	29.6	52.9	7.7
TOTAL - POCAHONTAS REGION		2 081 179	79 935	49 672	62.1	84 115	6 125	30.7	41.9	7.3
SOUTHERN REGION										
Alabama & Vicksburg		15 123	872	625	71.7	1 285	27	21.9	24.2	2.1
Alabama Great Southern		80 795	4 025	2 985	74.2	4 063	69	32.0	27.1	1.7
Atlanta & West Point (Incl.WRRofa)		16 949	981	762	77.7	1 411	213	22.4	22.2	15.1
Atlanta, Birmingham & Atlantic		49 402	2 460	1 737	70.6	2 692	323	29.5	28.4	12.0
Atlantic Coast Line		370 433	23 568	16 939	71.9	35 363	3 080	21.5	21.9	8.7
Carolina, Clinchfield & Ohio		84 513	3 297	1 935	58.7	3 725	287	28.6	43.7	7.7
Central of Georgia		123 230	6 227	5 001	80.3	9 931	431	20.2	24.5	4.3
Charleston & Western Carolina		20 110	918	673	73.3	2 138	44	13.9	29.9	2.1
Cincinnati, New Orleans & Texas Pacific		113 853	6 157	5 279	85.7	6 620	639	30.0	21.6	9.7
Florida East Coast		62 416	4 395	2 887	65.7	3 889	158	36.5	21.6	4.1
Georgia		29 035	1 723	1 427	82.8	2 648	217	21.0	20.3	8.2
Georgia & Florida		4 915	314	238	75.8	483	2	21.0	20.6	0.4
Georgia, Southern & Florida		25 540	1 566	1 204	76.9	1 658	79	30.3	21.2	4.7
Gulf & Ship Island		11 826	562	400	71.2	1 182	16	15.3	29.6	1.4
Gulf, Mobile & Northern		11 027	587	468	79.7	1 708	127	11.1	23.6	7.4
Illinois Central (Incl.Y&MV)		1 448 968	69 688	48 936	70.2	58 138	3 412	38.7	29.5	5.9
Louisville & Nashville		811 462	39 880	27 205	68.2	44 162	3 519	29.1	25.8	8.0
Louisville, Henderson & St. Louis		21 838	970	716	73.8	571	12	54.8	30.5	2.1
Mississippi Central		2 187	123	91	74.0	385	25	10.3	24.0	6.5
Mobile & Ohio		174 011	7 850	6 235	79.4	9 163	629	27.6	27.9	6.9
Nashville, Chattanooga & St. Louis		113 168	6 249	4 821	77.1	9 619	496	21.0	23.5	5.2
New Orleans & Northeastern		52 639	2 423	1 708	70.5	3 694	329	21.2	30.8	8.9
New Orleans Great Northern		9 093	451	335	74.3	1 279	25	11.4	27.1	2.0
Norfolk Southern		25 193	1 441	1 167	81.0	4 191	305	11.1	21.6	7.3
Northern Alabama		8 143	358	220	61.5	855	30	13.5	37.0	3.5
Richmond, Fred. & Potomac (Incl.WS)		37 512	2 243	1 796	80.1	2 069	184	35.0	20.9	8.9
Seaboard Air Line		241 849	14 964	10 936	73.1	23 222	1 071	20.8	22.1	4.6
Southern		768 349	43 984	33 504	76.2	68 821	1 540	20.6	22.9	2.2
Southern Railway in Mississippi		6 865	375	308	82.1	1 246	120	9.7	22.3	9.6
Tennessee Central		12 737	699	463	66.2	1 374	69	16.4	27.5	5.0
Vicksburg, Shreveport & Pacific		14 419	792	571	72.1	1 406	81	18.1	25.2	5.8
TOTAL - SOUTHERN REGION		4 767 600	250 143	181 572	72.6	309 003	17 559	26.1	26.3	5.7
NORTHWESTERN REGION										
Chicago & Northwestern		833 861	49 883	35 114	70.4	84 814	5 187	19.0	23.7	6.1
Chicago Great Western		155 883	7 954	6 025	75.7	13 746	879	18.7	25.9	6.4
Chicago, Milwaukee & St. Paul		1 054 546	57 689	42 197	73.1	82 861	4 855	22.5	25.2	5.9
Chicago, St. Paul, Minneapolis & Omaha		149 845	8 512	6 171	71.7	17 070	1 254	16.3	24.3	7.3
Duluth & Iron Range		6 008	445	277	62.2	4 963	209	2.9	21.7	4.2
Duluth, Missabe & Northern		8 521	401	297	74.1	7 271	87	1.8	28.7	1.2
Duluth, South Shore & Atlantic		24 282	1 293	927	71.7	2 844	470	14.7	26.2	16.5
Elgin, Joliet & Eastern		172 643	6 731	4 302	63.9	16 432	1 032	13.2	40.1	6.3
Great Northern		656 467	35 467	26 322	74.2	50 681	3 600	22.6	25.3	7.1
Mineral Range		2 193	97	53	54.6	941	73	3.3	41.4	7.8
Minneapolis & St. Louis		118 301	5 516	4 043	73.3	9 350	621	19.0	29.3	6.6
Minneapolis, St. Paul & Sault Ste. Marie		295 874	15 723	12 591	80.1	20 828	1 255	24.2	23.5	6.1
Northern Pacific		810 737	38 468	29 390	76.4	39 349	2 528	31.5	27.6	6.4
Oregon-Washington R. R. & Nav.		175 546	7 905	6 405	81.0	9 151	252	27.9	27.4	2.8
Spokane, Portland & Seattle		45 606	2 152	1 589	78.5	2 071	94	33.5	27.0	4.5
TOTAL - NORTHWESTERN REGION		4 530 315	238 336	175 803	73.8	362 372	22 407	21.2	25.8	6.2
CENTRAL WESTERN REGION										
Arizona Eastern		10 984	523	330	63.1	819	24	20.6	33.3	2.9
Atchafalaya, Topeka & Santa Fe		1 129 844	70 419	49 393	70.1	70 966	4 354	32.0	22.9	6.1
Chicago & Alton		214 243	11 067	7 532	68.1	13 601	451	25.2	28.4	3.3
Chicago & Eastern Illinois		231 799	10 758	7 242	67.3	18 188	1 938	19.1	32.0	10.7
Chicago, Burl. & Quincy (Incl.Q&KC)		1 362 431	67 341	47 482	70.5	74 920	4 049	29.0	28.7	5.4
Chicago, Peoria & St. Louis		16 356	688	510	74.1	1 977	85	11.2	32.1	4.3
Chicago, R.I. & Pacific (Incl.CRI&G)		748 376	40 726	30 406	74.7	59 026	3 343	22.3	24.6	5.7
Chicago, Terre Haute & Southeastern		43 838	2 195	1 005	45.8	4 420	260	16.0	43.6	5.9
Colorado & Southern		65 174	3 694	2 196	59.4	7 613	507	15.7	29.7	6.7
Denver & Rio Grande		198 897	9 382	6 362	67.8	16 824	717	18.0	31.3	4.3
Denver & Salt Lake		22 967	1 005	566	56.3	1 500	205	21.6	40.6	13.7
El Paso & Southwestern		94 958	5 064	3 458	68.3	4 223	118	38.7	27.5	2.8
Fort Worth & Denver City		53 021	3 032	2 048	67.5	5 964	505	16.4	25.9	8.5
Los Angeles & Salt Lake		88 170	5 267	3 432	65.2	3 633	189	46.8	25.7	5.2
Northwestern Pacific		14 066	1 021	675	66.1	2 065	72	15.9	20.8	3.5
Oregon Short Line		316 426	14 488	10 791	74.5	11 694	423	40.0	29.3	3.6
Southern Pacific (Pacific System)		868 409	47 485	33 778	71.1	42 018	2 077	36.5	25.7	4.9
Toledo, Peoria & Western		9 302	483	353	73.1	911	70	17.1	26.4	7.7
Union Pacific (Incl.St.J&GI)		808 102	41 274	31 490	76.3	21 116	1 193	63.1	25.7	5.6
Western Pacific		151 286	6 678	4 532	67.9	3 195	140	67.4	33.4	4.4
TOTAL - CENTRAL WESTERN REGION		6 448 669	342 590	243 582	71.1	364 673	20 730	30.3	26.5	5.7

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			Total 2	Loaded 3	Per cent loaded to total 4 = 3 ÷ 2	Total 5	Unservice- able 6	Car-miles per day 7 = $\frac{2+5}{31}$	Tons per car 8 = 1 ÷ 3	Per cent of unservice- able cars 9 = 6 ÷ 5
Road										
SOUTHWESTERN REGION										
Fort Worth & Rio Grande		3 111	235	181	77.0	993	42	7.6	17.2	4.2
Gulf Coast Lines		47 294	2 924	1 877	64.2	5 237	242	18.0	25.2	4.6
Gulf, Colorado & Santa Fe		128 292	7 258	5 252	72.4	14 690	723	19.9	24.4	4.9
International & Great Northern		86 493	4 541	3 393	73.1	5 084	254	29.4	25.5	5.0
Kansas City, Mexico & Orient System		17 473	1 061	687	64.8	1 613	106	21.2	25.4	6.6
Kansas City Southern (Incl. T&SF)		142 036	6 873	5 201	75.7	6 002	171	36.9	27.3	2.8
Louisiana & Arkansas		12 380	738	466	63.1	1 593	32	14.9	26.6	2.0
Midland Valley		19 029	1 279	688	53.8	2 012	10	20.5	27.7	0.5
Missouri & North Arkansas		6 169	340	258	75.9	687	17	16.0	23.9	2.5
Missouri, Kansas & Texas		168 462	10 444	6 514	62.4	14 012	722	24.0	25.9	5.2
Missouri, Kansas & Texas of Texas		86 821	5 666	3 733	65.9	15 071	589	12.1	23.3	3.9
Missouri, Oklahoma & Gulf		18 375	868	559	64.4	2 013	220	13.9	32.9	11.4
Missouri Pacific		744 496	36 236	27 808	76.7	52 357	1 873	22.3	26.8	3.6
St. Louis-San Francisco		401 178	21 159	15 357	72.6	36 811	1 474	18.5	26.1	4.0
St. Louis-San Francisco of Texas		6 903	419	301	71.8	1 214	51	11.1	22.9	4.2
St. Louis Southwestern		102 770	5 383	4 226	78.5	4 863	152	35.7	24.3	3.1
St. Louis Southwestern of Texas		39 356	2 530	1 722	68.1	3 493	157	23.4	22.9	4.5
San Antonio & Aransas Pass		12 172	888	630	70.9	1 483	84	19.3	19.3	5.7
Sunset Lines (Incl. H&TC and HE&WT)		389 488	20 097	14 237	70.8	25 798	962	25.1	27.4	3.7
Texas & Pacific		146 338	8 396	6 328	75.4	17 539	1 279	15.4	23.1	7.3
Trinity & Brazos Valley		10 649	605	466	80.7	852	88	22.9	21.8	10.3
Wichita Falls & Northwestern		6 135	390	246	63.1	1 521	27	8.3	24.9	1.8
TOTAL - SOUTHWESTERN REGION		2 595 420	138 432	100 152	72.3	214 938	9 285	20.8	25.9	4.3

MONTHLY SUMMARY - UNITED STATES

January 1917 to January 1920

Month	Car-miles per day				Tons per car				Percentage of unserviceable cars			
	1917	1918	1919	1920	1917	1918	1919	1920	1917	1918	1919	1920
January	25.3	18.3	21.4	22.8	26.4	29.6	29.0	28.3	5.6	5.1	6.0	6.6
February	23.9	22.0	20.3	-	26.1	28.4	27.7	-	5.5	5.2	5.6	-
March	25.6	24.9	20.4	-	26.4	28.1	27.6	-	5.4	5.0	5.6	-
April	27.4	25.9	21.0	-	25.6	29.4	27.3	-	5.8	5.1	6.4	-
May	29.0	26.4	22.8	-	26.7	27.7	27.7	-	5.6	5.4	7.3	-
June	28.4	26.8	23.0	-	27.8	28.3	27.5	-	5.6	5.9	8.1	-
July	28.3	26.5	24.1	-	27.1	30.1	27.8	-	6.0	6.9	8.7	-
August	27.1	26.0	24.2	-	27.9	30.1	28.0	-	6.0	6.6	9.2	-
September	26.6	26.8	26.5	-	27.0	29.7	28.3	-	5.8	6.2	8.5	-
October	26.3	26.2	27.3	-	27.7	29.7	28.0	-	5.6	6.0	7.4	-
November	26.2	24.6	23.3	-	27.2	29.5	26.2	-	5.2	5.6	6.3	-
December	21.3	22.8	22.3	-	29.2	29.8	27.7	-	5.2	5.8	6.2	-
Total	26.1	24.9	23.1	-	27.0	29.1	27.8	-	5.6	5.7	7.1	-

FREIGHT CAR PERFORMANCE

February 1920

Statistics of freight car performance for the month of February, 1920, herein presented, are based on the reports of the several railways of Class I to the United States Railroad Administration.

Railways of Class I are those with annual operating revenues above \$1,000,000. This class of roads operate an aggregate mileage approximating 90 per cent of the total standard guage steam railway mileage of the United States, and own about 96 per cent of the total number of standard guage railway cars. The operated mileage included in this statement for February is 230,515 miles of line.

The detailed statistics appear on the second, third, and fourth pages, with a general summary by regions at the top of the second page. A monthly summary covering the period from January, 1917, to February, 1920, appears at the foot of the fourth page.

Net ton-miles include both revenue and non-revenue freight throughout. Freight car-miles include all mileage made by revenue freight cars in freight and mixed trains. Unserviceable freight cars are those in or awaiting shop, including all "bad order" cars.

The significant factors for the month of February were as follows:

Per cent of loaded car-miles	71.9
Car-miles per day	22.3
Tons per loaded car	28.3
Per cent of unserviceable cars	6.5

FEBRUARY Road	1920 Net ton-miles (thousands) 1	Freight car-miles (thousands)			Freight cars on line daily		Efficiency ratios		
		Total 2	Loaded 3	Per cent loaded to total 4 = 3 ÷ 2	Total 5	Unservice- able 6	Car-miles per day 7 = $\frac{2+5}{29}$	Tons per car 8 = 1 ÷ 3	Per cent of unservice- able cars 9 = 6 ÷ 5
EASTERN REGION	7 263 140	346 673	254 235	73.3	678 197	50 270	17.6	28.6	7.4
ALLEGHENY REGION	5 854 097	254 320	176 022	69.2	473 827	34 237	18.5	33.3	7.2
POCAHONTAS REGION	1 868 635	74 012	46 474	62.8	75 656	6 141	33.7	40.2	8.1
SOUTHERN REGION	4 433 667	233 160	170 118	73.0	308 988	17 098	26.0	26.1	5.5
NORTHWESTERN REGION	4 636 329	238 598	178 205	74.7	366 174	22 971	22.5	26.0	6.3
CENTRAL WESTERN REGION	6 130 790	323 648	232 295	71.8	368 862	20 491	30.3	26.4	5.6
SOUTHWESTERN REGION	2 572 131	139 939	100 675	71.9	223 650	10 136	21.6	25.5	4.5
GRAND TOTAL - ALL REGIONS	32 758 789	1 610 350	1 158 024	71.9	2 495 354	161 344	22.3	28.3	6.5
EASTERN REGION									
New England District									
Bangor & Aroostook	12 802	800	562	70.3	2 764	176	10.0	22.8	6.4
Boston & Albany	74 151	4 216	3 128	74.4	9 814	402	14.8	23.6	4.1
Boston & Maine	181 196	9 828	7 439	75.7	38 799	3 234	8.7	24.4	8.3
Central New England	21 805	1 084	749	69.1	4 542	488	8.2	29.1	10.7
Central Vermont	21 004	1 321	1 037	78.5	3 398	232	13.4	20.3	6.8
Grand Trunk in New England	21 180	974	669	68.7	1 958	84	17.2	31.7	4.3
Maine Central	42 505	2 305	1 701	73.8	9 534	961	8.3	25.0	10.1
New York, New Haven & Hartford	134 264	7 404	6 029	81.4	49 179	2 682	5.2	22.3	5.5
Rutland	19 272	943	793	84.1	1 710	76	19.0	24.3	4.4
Central District									
Ann Arbor	33 228	1 293	1 070	82.8	4 083	229	10.9	31.1	5.6
Buffalo, Rochester & Pittsburg	153 170	6 287	3 860	61.4	8 516	567	25.4	39.7	6.7
Delaware & Hudson	249 133	10 087	6 994	69.3	17 157	1 014	20.3	35.6	5.9
Delaware, Lackawanna & Western	362 134	17 889	13 022	72.8	25 639	1 386	24.1	27.8	5.4
Detroit & Mackinac	6 041	350	247	70.6	810	81	14.9	24.5	10.0
Detroit & Toledo Shore Line	15 119	720	404	56.1	1 238	88	20.1	37.4	7.1
Erie (Incl. Chicago & Erie)	825 739	37 949	27 861	73.4	57 123	4 043	22.9	29.6	7.1
Grand Trunk Western Lines	140 197	7 992	6 329	79.2	14 334	1 754	19.2	22.2	12.2
Lehigh & Hudson River	13 350	554	434	78.3	1 413	82	13.5	30.8	5.8
Lehigh & New England	16 742	521	342	65.6	2 918	205	6.2	49.0	7.0
Lehigh Valley	419 804	19 969	14 330	71.8	40 964	2 381	16.8	29.3	5.8
Michigan Central	414 621	21 402	17 077	79.8	39 745	2 705	18.6	24.3	6.8
Monongahela	19 759	842	462	54.9	2 333	105	12.4	42.8	4.5
New York Central	1 618 179	80 602	58 308	72.3	157 970	11 189	17.6	27.8	7.1
New York, Chicago & St. Louis	244 173	12 472	10 209	81.9	11 888	738	36.2	23.9	6.2
New York, Ontario & Western	56 201	2 144	1 451	67.7	7 308	922	10.1	38.7	12.6
New York, Susquehanna & West. (Incl. WB&E)	7 131	268	209	78.0	2 826	50	3.3	34.1	1.8
Pere Marquette	182 115	8 833	6 959	78.8	22 948	1 575	13.3	26.2	6.9
Pittsburg & Lake Erie	188 855	7 250	4 546	62.7	25 427	2 307	9.8	41.5	9.1
Pittsburg & Shawmut	11 919	428	219	51.2	530	15	27.8	54.4	2.8
Pittsburgh & West Virginia	9 264	337	222	65.9	775	89	15.0	41.7	11.5
Ulster & Delaware	1 623	72	49	68.1	254	7	9.8	33.1	2.8
Wabash	383 161	18 579	15 063	81.1	23 526	2 482	27.2	25.4	10.6
Ohio-Indiana District									
Chicago, Indianapolis & Louisville	99 482	4 418	3 266	73.9	5 648	539	27.0	30.5	9.5
Cincinnati, Indianapolis & Western	31 634	1 430	980	68.5	1 565	295	31.5	32.3	18.9
Cincinnati Northern	33 330	1 670	1 035	62.0	1 346	89	42.8	32.2	6.6
Cleveland, Cinn., Chicago & St. Louis	574 180	27 813	19 791	71.2	32 472	2 112	29.5	29.0	6.5
Detroit, Toledo & Ironton	48 906	1 748	1 223	70.0	3 553	581	17.0	40.0	16.4
Hocking Valley	126 872	4 732	2 976	62.9	9 937	1 812	16.4	42.6	18.2
Kanawha & Michigan	40 315	1 870	1 014	54.2	2 868	311	22.5	39.8	10.8
Lake Erie & Western	79 246	3 473	2 960	85.2	5 550	381	21.6	26.8	6.9
Toledo & Ohio Central	119 665	5 159	2 683	52.0	8 066	517	22.1	44.6	6.4
Toledo, St. Louis & Western	105 547	5 110	3 947	77.2	3 848	227	45.8	26.7	5.9
Wheeling & Lake Erie (Incl. L.&WV)	104 116	3 535	2 576	72.9	11 921	1 057	10.2	40.4	8.9
Total - New England District	528 189	28 875	22 117	76.6	121 698	8 335	8.2	23.9	6.8
Total - Central District	5 371 658	256 840	189 667	73.8	469 725	34 014	18.9	28.3	7.2
Total - Ohio-Indiana District	1 363 293	60 952	42 451	69.6	86 774	7 921	24.2	32.1	9.1
GRAND TOTAL - EASTERN REGION	7 263 140	346 673	254 235	73.3	678 197	50 270	17.6	28.6	7.4
ALLEGHENY REGION									
Baltimore & Ohio (East and West)	1 497 477	67 032	47 860	71.4	94 188	5 494	24.5	31.3	5.8
Bessemer & Lake Erie	75 882	2 121	1 573	74.2	3 753	321	19.5	48.2	8.6
Buffalo & Susquehanna	23 745	1 062	545	51.3	1 196	140	30.6	43.6	11.7
Central of New Jersey	171 681	7 947	5 002	62.9	23 340	1 801	11.7	34.3	7.7
Cumberland Valley	40 308	1 760	1 268	72.0	1 987	107	30.5	31.8	5.4
Grand Rapids & Indiana	51 243	2 425	1 853	76.4	5 480	797	15.3	27.7	14.5
Long Island	7 403	476	341	71.6	6 453	221	2.5	21.7	3.4
New York, Philadelphia & Norfolk	29 039	1 368	1 219	89.1	2 322	86	20.3	23.8	3.7
Pennsylvania (East)	2 157 389	88 532	59 622	67.3	173 138	12 129	17.6	36.2	7.0
Pennsylvania (West) (Incl. PCC&StL)	1 138 282	56 025	39 311	70.2	113 369	10 599	17.0	29.0	9.3
Philadelphia & Reading	508 454	19 894	13 678	68.8	39 186	1 969	17.5	37.2	5.0
Western Maryland	141 957	5 136	3 385	65.9	7 816	567	22.7	41.9	7.3
West Jersey & Seashore	11 237	542	365	67.3	1 599	6	11.7	30.8	0.4
TOTAL - ALLEGHENY REGION	5 854 097	254 320	176 022	69.2	473 827	34 237	18.5	33.3	7.2

FEBRUARY	1920	Net ton-miles (thousands) 1	Freight car-miles (thousands)			Freight cars on line daily		Efficiency ratios		
			Total 2	Loaded 3	Per cent loaded to total 4 = 3 ÷ 2	Total 5	Unservice- able 6	Car-miles per day 7 = $\frac{2 \div 5}{29}$	Tons per car 8 = 1 ÷ 3	Per cent of unservice- able cars 9 = 6 ÷ 5
Road										
POCAHONTAS REGION										
Cheapeake & Ohio	861 448	35 768	22 221	62.1	35 184	3 024	35.1	38.8	8.6	
Norfolk & Western	828 252	31 656	20 822	65.8	32 597	2 383	33.5	39.8	7.3	
Virginian	178 935	6 588	3 431	52.1	7 875	734	28.8	52.2	9.3	
TOTAL - POCAHONTAS REGION	1 868 635	74 012	46 474	62.8	75 656	6 141	33.7	40.2	8.1	
SOUTHERN REGION										
Alabama & Vicksburg	12 524	751	519	69.1	1 270	11	20.4	24.1	0.9	
Alabama Great Southern	67 682	3 231	2 543	78.7	4 260	63	26.2	26.6	1.5	
Atlanta & West Point (Incl.WP&P)	15 284	942	676	71.8	1 528	222	21.3	22.6	14.5	
Atlanta, Birmingham & Atlantic	49 867	2 758	1 805	65.4	3 540	222	26.9	27.6	6.3	
Atlantic Coast Line	303 529	21 270	14 752	69.4	35 213	3 169	20.8	20.6	9.0	
Carolina, Clinchfield & Ohio	63 400	2 742	1 521	55.5	3 925	206	24.1	41.7	5.2	
Central of Georgia	111 067	5 804	4 508	77.7	10 174	262	19.7	24.6	2.6	
Charleston & Western Carolina	18 230	920	612	66.5	2 126	98	14.9	29.8	4.6	
Cincinnati, New Orleans & Texas Pacific	129 497	6 559	5 795	88.4	8 039	470	28.1	22.3	5.8	
Florida East Coast	60 092	4 390	2 831	64.5	3 728	189	40.6	21.2	5.1	
Georgia	26 266	1 554	1 225	78.8	2 578	443	20.8	21.4	17.2	
Georgia & Florida	3 791	291	213	73.2	499	3	20.1	17.8	0.6	
Georgia, Southern & Florida	24 874	1 509	1 099	72.8	1 720	71	30.3	22.6	4.1	
Gulf & Ship Island	7 888	416	303	72.8	1 034	27	13.9	26.0	2.6	
Gulf, Mobile & Northern	10 433	554	424	76.5	1 490	77	12.8	24.6	5.2	
Illinois Central (Incl.Y&MV)	1 307 063	63 335	45 317	71.6	55 771	3 258	39.2	28.8	5.8	
Louisville & Nashville	792 870	38 475	26 058	67.7	43 602	3 155	30.4	30.4	7.2	
Louisville, Henderson & St.Louis	23 128	918	702	76.5	568	14	55.7	32.9	2.5	
Mississippi Central	2 103	120	82	68.3	389	18	10.6	25.6	4.6	
Mobile & Ohio	160 967	7 513	5 991	79.7	8 627	832	30.0	26.9	9.6	
Nashville, Chattanooga & St.Louis	113 741	6 028	4 848	80.4	9 729	427	21.4	23.5	4.4	
New Orleans & Northeastern	42 227	1 873	1 524	81.4	3 611	235	17.9	27.7	6.5	
New Orleans Great Northern	8 893	475	319	67.2	930	20	17.6	27.9	2.1	
Norfolk Southern	22 379	1 327	1 018	76.7	4 515	383	10.1	22.0	8.5	
Northern Alabama	8 191	344	221	64.2	820	13	14.5	37.1	1.6	
Richmond, Fred. & Potomac (Incl.WS)	32 678	2 093	1 629	77.8	2 463	172	29.3	20.1	7.0	
Seaboard Air Line	233 982	14 100	10 150	72.0	24 790	1 070	19.6	23.1	4.3	
Southern	748 967	41 184	32 190	78.2	67 911	1 692	20.9	23.3	2.5	
Southern Ry. in Mississippi	5 270	299	230	76.9	1 058	122	9.7	22.9	11.5	
Tennessee Central	11 869	571	427	74.8	1 425	61	13.8	27.8	4.3	
Vicksburg, Shreveport & Pacific	14 915	814	586	72.0	1 655	93	17.0	25.5	5.6	
TOTAL - SOUTHERN REGION	4 433 667	233 160	170 118	73.0	308 988	17 098	26.0	26.1	5.5	
NORTHWESTERN REGION										
Chicago & North Western	837 451	48 861	35 084	71.8	85 212	5 554	19.8	23.9	6.5	
Chicago Great Western	149 427	7 718	5 874	76.1	12 702	897	21.0	25.4	7.1	
Chicago, Milwaukee & St. Paul	1 100 499	57 327	43 203	75.4	91 458	5 260	21.6	25.5	5.8	
Chicago, St. Paul, Minneapolis & Omaha	164 023	8 992	6 648	73.9	13 835	1 037	22.4	24.7	7.5	
Duluth & Iron Range	7 694	553	315	57.0	5 611	214	3.4	24.4	3.8	
Duluth, Missabe & Northern	7 384	389	271	69.7	8 109	90	1.7	27.2	1.1	
Duluth, South Shore & Atlantic	22 550	1 155	815	70.5	2 665	122	15.0	27.6	4.6	
Elgin, Joliet & Eastern	177 150	7 246	4 459	61.5	18 480	969	13.5	39.7	5.2	
Great Northern	678 442	34 764	26 191	75.3	47 732	3 685	25.1	25.9	7.7	
Mineral Range	2 045	94	52	55.3	945	14	3.4	39.3	1.5	
Minneapolis & St.Louis	114 687	5 263	4 056	77.1	8 738	690	20.8	28.3	7.9	
Minneapolis, St. Paul & Sault Ste Marie	306 158	16 131	12 991	80.5	19 888	1 444	28.0	23.6	7.3	
Northern Pacific	820 872	39 172	29 576	75.5	38 718	2 677	34.9	27.8	6.9	
Oregon-Washington R.R. & Nav.	204 243	8 966	7 049	78.6	10 146	235	30.5	29.0	2.3	
Spokane, Portland & Seattle	43 704	1 967	1 621	82.4	1 935	83	35.1	27.0	4.3	
TOTAL - NORTHWESTERN REGION	4 636 329	238 598	178 205	74.7	366 174	22 971	22.5	26.0	6.3	
CENTRAL WESTERN REGION										
Arizona Eastern	10 032	483	296	61.3	832	16	20.0	33.9	1.9	
Atchison, Topeka & Santa Fe	1 060 068	65 041	46 142	70.9	73 446	4 573	30.5	23.0	6.2	
Chicago & Alton	192 732	10 666	6 949	65.2	14 061	459	26.2	27.7	3.3	
Chicago & Eastern Illinois	225 018	10 699	7 151	66.8	18 304	1 851	20.2	31.5	10.1	
Chicago, Burl. & Quincy (Incl.QO&KC)	1 338 340	64 821	46 895	72.3	76 425	4 141	29.2	28.5	5.4	
Chicago, Peoria & St. Louis	18 092	792	601	75.9	1 779	81	15.4	30.1	4.6	
Chicago, R.I. & Pacific (Incl.CRI&G)	755 399	41 382	31 041	75.0	58 350	3 322	24.5	24.3	5.7	
Chicago, Terre Haute & Southeastern	44 527	2 145	1 016	47.4	3 865	278	19.1	43.8	7.2	
Colorado & Southern	54 657	2 714	1 697	62.5	7 150	478	13.1	32.2	6.7	
Denver & Rio Grande	170 038	8 249	5 314	64.4	15 328	646	18.6	32.0	4.2	
Denver & Salt Lake	21 067	917	523	57.0	1 219	199	25.9	40.3	16.3	
El Paso & Southwestern	96 869	5 324	3 526	66.2	4 214	118	43.6	27.5	2.8	
Fort Worth & Denver City	50 827	2 812	1 988	70.7	6 206	388	15.6	25.7	6.3	
Los Angeles & Salt Lake	68 052	4 050	2 786	68.8	3 002	193	46.5	24.4	6.4	
Northwestern Pacific	11 367	850	535	62.9	1 890	69	15.5	21.2	3.7	
Oregon Short Line	332 151	14 938	11 006	73.7	11 572	416	44.5	30.3	3.6	
Southern Pacific (Pacific System)	775 234	42 972	30 315	70.5	45 785	1 860	32.4	25.6	4.1	
Toledo, Peoria & Western	10 098	471	379	80.5	854	59	19.0	26.6	6.9	
Union Pacific (Incl.StJ&CI)	763 702	38 316	30 675	80.1	21 458	1 203	61.6	24.9	5.6	
Western Pacific	131 520	6 006	3 460	57.6	3 122	141	66.3	38.0	4.5	
TOTAL - CENTRAL WESTERN REGION	6 130 790	323 648	232 295	71.8	368 862	20 491	30.3	26.4	5.6	

FEBRUARY	1920	Net ton-miles (thousands) 1	Freight Car-miles (thousands)			Freight cars on line daily		Efficiency ratios		
			Total 2	Loaded 3	Per cent loaded to total 4 = 3 ÷ 2	Total 5	Unservice- able 6	Car-miles per day 7 = $\frac{2+5}{29}$	Tons per car 8 = 1 ÷ 3	Per cent of unservice- able cars 9 = 6 ÷ 5
Road										
SOUTHWESTERN REGION										
Fort Worth & Rio Grande	4 039	290	203	70.0	1 237	41	8.1	19.9	3.3	
Gulf Coast Lines	54 871	3 338	2 215	66.4	5 211	225	22.1	24.8	4.3	
Gulf, Colorado & Santa Fe	121 860	6 999	5 126	73.2	15 640	797	15.4	23.8	5.1	
International & Great Northern	87 467	4 880	3 523	72.2	5 586	311	30.1	24.8	5.6	
Kansas City, Mexico & Orient System	13 644	911	570	62.6	1 630	99	19.3	25.9	6.1	
Kansas City Southern (Incl. T&SF)	149 436	7 373	5 542	75.2	6 753	201	37.6	27.0	3.0	
Louisiana & Arkansas	15 943	954	567	59.4	2 736	38	12.0	28.1	1.4	
Midland Valley	18 135	1 235	640	51.8	2 250	26	18.9	28.3	1.2	
Missouri & North Arkansas	6 671	320	270	84.4	708	19	15.6	24.7	2.7	
Missouri, Kansas & Texas	154 178	10 928	6 469	59.2	14 275	798	26.4	22.8	5.6	
Missouri, Kansas & Texas of Texas	101 649	6 800	4 307	63.3	15 319	666	15.3	23.6	4.3	
Missouri, Oklahoma & Gulf	19 052	934	603	64.6	2 016	195	16.0	31.6	9.7	
Missouri Pacific	726 739	35 564	27 275	76.7	54 563	2 001	22.5	26.6	3.7	
St. Louis-San Francisco	407 972	22 289	16 119	72.3	36 529	1 670	21.0	25.3	4.6	
St. Louis-San Francisco & Texas	8 770	490	340	69.4	1 511	50	11.2	25.8	3.3	
St. Louis Southwestern	119 933	6 244	4 865	77.9	6 108	198	35.3	24.7	3.2	
St. Louis Southwestern of Texas	45 167	2 576	1 846	71.7	4 276	179	20.8	24.5	4.2	
San Antonio & Arkansas Pass	13 474	855	633	74.0	1 466	92	20.1	21.3	6.3	
Sunset Lines (Incl. H&TC and HE&WT)	345 829	17 630	12 727	72.2	25 745	920	23.6	27.2	3.6	
Texas & Pacific	136 029	8 116	5 932	73.1	17 684	1 414	15.8	22.9	8.0	
Trinity & Brazos Valley	15 084	757	653	86.3	966	160	27.0	23.1	16.6	
Wichita Falls & Northwestern	6 189	456	250	54.8	1 441	36	10.9	24.8	2.5	
TOTAL - SOUTHWESTERN REGION	2 572 131	139 939	100 675	71.9	223 650	10 136	21.6	25.5	4.5	

MONTHLY SUMMARY - UNITED STATES

January 1917 to February 1920

Month	Car-miles per day				Tons per car				Percentage of unserviceable cars			
	1917	1918	1919	1920	1917	1918	1919	1920	1917	1918	1919	1920
January	25.3	18.3	21.4	22.8	26.4	29.6	29.0	28.3	5.6	5.1	6.0	6.6
February	23.9	22.0	20.3	22.3	26.1	28.4	27.7	28.3	5.5	5.2	5.6	6.5
March	25.6	24.9	20.4	-	26.4	28.1	27.6	-	5.4	5.0	5.6	-
April	27.4	25.9	21.0	-	25.6	29.4	27.3	-	5.8	5.1	6.4	-
May	29.0	26.4	22.8	-	26.7	27.7	27.7	-	5.6	5.4	7.3	-
June	28.4	26.8	23.0	-	27.8	28.3	27.5	-	5.6	5.9	8.1	-
July	28.3	26.5	24.1	-	27.1	30.1	27.8	-	6.0	6.9	8.7	-
August	27.1	26.0	24.2	-	27.9	30.1	28.0	-	6.0	6.6	9.2	-
September	26.6	26.8	26.5	-	27.0	29.7	28.3	-	5.8	6.2	8.5	-
October	26.3	26.2	27.3	-	27.7	29.7	28.0	-	5.6	6.0	7.4	-
November	26.2	24.6	23.3	-	27.2	29.5	26.2	-	5.2	5.6	6.3	-
December	21.3	22.8	22.3	-	29.2	29.8	27.7	-	5.2	5.8	6.2	-
Total	26.1	24.9	23.1	-	27.0	29.1	27.8	-	5.6	5.7	7.1	-

BUREAU OF RAILWAY ECONOMICS

WASHINGTON, D. C.

FREIGHT CAR PERFORMANCE

March 1920

Statistics of freight car performance for the month of March, 1920, herein presented, are based on the reports of the several railways of Class I to the Interstate Commerce Commission.

Railways of Class I are those with annual operating revenues above \$1,000,000. This class of roads operate an aggregate mileage approximating 90 per cent of the total standard guage steam railway mileage of the United States, and own about 96 per cent of the total number of standard guage railway cars. The operated mileage included in this statement for March is 230,041 miles of line.

To accord with the territorial grouping of the Interstate Commerce Commission, the old Central District is now entitled "Great Lakes Region", while the old Ohio-Indiana and Allegheny districts are now combined into the "Ohio-Indiana-Allegheny Region".

Net ton-miles include both revenue and non-revenue freight throughout. Freight car-miles include all mileage made by revenue freight cars in freight, mixed, and special trains. Unserviceable freight cars are those in or awaiting shop, including all "bad order" cars.

The detailed statistics appear on the second, third, and fourth pages, with a general summary by regions at the top of the second page. A monthly summary covering the period from January, 1917, to March, 1920, appears at the foot of the fourth page.

The significant factors for the month of March were as follows:

Per cent of loaded car-miles	72.3
Car-miles per day	23.8
Tons per loaded car	28.3
Per cent of unserviceable cars	7.0

MARCH	1920	Net ton-miles (thousands) 1	Freight car-miles (thousands)			Freight cars on line daily		Efficiency ratios		
			Total 2	Loaded 3	Per cent loaded to total 4= 3 ÷ 2	Total 5	Unservice- able 6	Car-Miles per day 7 = $\frac{2+5}{31}$	Tons per car 8= 1 ÷ 3	Per cent of unservice- able cars 9 = 6 ÷ 5
Road										
NEW ENGLAND REGION		887 742	48 669	37 649	77.4	126 324	9 049	12.4	24.6	7.2
OREAT LAKES REGION		6 742 780	323 554	241 369	74.6	488 864	36 413	21.4	27.9	7.4
OHIO-INDIANA-ALLEGHENY REGION		8 855 927	384 658	267 599	69.6	565 431	43 598	21.9	33.1	7.7
POCAHONTAS REGION		2 246 115	85 737	53 029	61.9	72 229	6 271	38.3	42.4	8.7
SOUTHERN REGION		4 887 242	259 161	188 540	72.8	307 824	20 633	27.2	25.9	6.7
NORTHWESTERN REGION		5 031 214	250 711	189 707	75.7	365 897	25 230	22.1	26.5	6.9
CENTRAL WESTERN REGION		6 567 308	347 281	253 055	72.9	355 350	21 791	31.5	26.0	6.1
SOUTHWESTERN REGION		2 772 665	156 975	111 093	70.8	231 926	11 874	21.8	25.0	5.1
GRAND TOTAL - ALL REGIONS		37 990 993	1 856 746	1 342 041	72.3	2 513 845	174 859	23.8	28.3	7.0
NEW ENGLAND REGION										
Atlantic & St. Lawrence		26 811	1 239	804	62.4	1 733	177	24.0	33.3	10.2
Bangor & Aroostook		22 585	1 459	987	67.6	2 578	127	18.3	22.9	4.9
Boston & Albany		116 967	6 686	5 260	78.7	10 596	418	20.4	22.2	3.9
Boston & Maine		268 554	14 612	11 475	78.5	39 190	3 378	12.0	23.4	8.6
Canadian Pacific (Lines in Maine)		34 730	1 770	1 432	80.9	1 002	33	57.0	24.3	3.3
Central New England		35 697	1 787	1 196	66.9	4 306	600	13.4	29.8	13.9
Central Vermont		30 670	1 840	1 456	79.1	3 820	243	15.5	21.1	6.4
Maine Central		79 734	4 419	3 235	73.2	10 315	1 057	13.8	24.6	10.2
New York, New Haven & Hartford		246 125	13 648	10 780	79.0	50 588	2 924	8.7	22.8	5.8
Rutland		25 869	1 159	1 024	88.4	2 196	92	17.0	25.3	4.2
TOTAL - NEW ENGLAND REGION		887 742	48 669	37 649	77.4	126 324	9 049	12.4	24.6	7.2
GREAT LAKES REGION										
Ann Arbor		33 463	1 280	1 074	83.9	4 456	221	9.3	31.2	5.0
Buffalo, Rochester & Pittsburg		201 399	8 833	4 961	56.2	8 328	706	34.2	40.6	8.5
Chicago, Detroit & Canada Grd. Trk. Jct.		8 621	436	305	70.0	552	69	25.5	28.3	12.5
Delaware & Hudson		324 575	13 692	9 513	69.5	18 392	934	24.0	34.1	5.1
Delaware, Lackawanna & Western		473 770	22 499	17 173	76.3	27 177	1 477	26.7	27.6	5.4
Detroit & Mackinac		8 104	445	325	73.0	1 028	77	14.0	24.9	7.5
Detroit & Toledo-Shore Line &										
Detroit, Grand Haven & Milwaukee		22 992	1 233	968	78.5	1 562	194	25.5	23.8	12.4
Erie (Incl. Chicago & Erie)		1 060 645	47 515	35 809	75.4	63 718	4 295	24.1	29.6	6.7
Grand Trunk Western		126 792	7 606	5 759	75.7	9 632	1 198	25.5	22.0	12.4
Lehigh & Hudson River		26 320	1 015	728	71.7	1 038	75	31.5	36.2	7.2
Lehigh & New England		23 405	865	490	56.6	2 605	176	10.7	47.8	6.8
Lehigh Valley		535 169	24 875	18 669	75.1	41 991	2 609	19.1	28.7	6.2
Michigan Central		484 809	25 339	20 585	80.4	42 131	2 857	19.4	23.8	6.8
Monongahela		17 542	856	485	56.7	2 045	68	13.5	36.2	3.3
New Jersey & New York		349	26	13	61.5	115	-	7.3	21.8	-
New York Central		2 136 427	107 631	78 416	72.9	169 908	12 097	20.4	27.2	7.1
New York, Chicago & St. Louis		294 305	14 515	12 285	84.6	11 228	733	41.7	24.0	6.5
New York, Ontario & Western		66 054	2 777	1 846	66.5	6 820	941	13.1	35.8	13.8
New York, Susquehanna & Western		10 081	429	302	70.4	3 366	142	4.1	33.4	4.2
Pere Marquette		213 150	10 913	8 486	77.8	23 436	1 463	15.0	25.1	6.2
Pittsburg & Lake Erie		226 306	8 118	5 444	67.1	25 659	2 395	10.2	41.6	9.3
Piftsburg & Shawmut		14 103	541	277	51.2	569	15	30.7	50.9	2.6
Pittsburg, Shawmut & Northern		13 633	514	317	61.7	1 760	1 082	9.4	43.0	61.4
Ulster & Delaware		1 561	83	55	66.2	251	11	10.7	28.4	4.4
Wabash		419 205	21 518	17 281	80.3	21 097	2 580	32.9	24.3	12.2
TOTAL - GREAT LAKES REGION		6 742 780	323 554	241 369	74.6	488 864	36 413	21.4	27.9	7.4
OHIO-INDIANA-ALLEGHENY REGION										
Atlantic City		4 950	237	164	69.2	329	6	22.6	30.2	1.8
Baltimore & Ohio (East & West)		1 824 646	78 809	55 525	70.5	94 589	6 233	26.9	32.9	6.6
Bessemer & Lake Erie		79 561	2 208	1 633	74.0	3 238	368	22.0	48.7	11.4
Buffalo & Susquehanna R.R.Corp.		27 810	1 161	620	53.4	1 608	151	23.3	44.9	9.4
Central of New Jersey		232 713	10 751	6 920	64.4	22 760	1 768	15.2	33.6	7.8
Chicago, Indianapolis & Louisville		94 812	4 383	3 195	72.9	5 382	483	26.3	29.7	9.0
Cincinnati, Indianapolis & Western		37 126	1 593	1 238	77.7	1 913	308	26.9	30.0	16.1
Cincinnati Northern		36 270	1 682	1 139	67.7	1 154	68	47.0	31.8	5.9
Cleveland, Cincinnati, Chicago & St. Louis		607 836	31 389	22 982	73.2	32 064	2 202	31.6	26.4	6.9
Detroit, Toledo & Ironton		43 874	1 598	1 113	69.6	2 497	527	20.6	39.4	21.1
Hocking Valley		134 531	5 327	3 161	59.3	9 132	1 763	18.8	42.6	19.3
Kanawha & Michigan		39 236	1 670	1 009	60.4	2 680	286	20.1	38.9	10.7
Lake Erie & Western		77 225	3 492	2 955	84.6	4 654	337	24.2	26.1	7.2
Long Island		12 003	846	572	67.6	7 500	346	3.6	21.0	4.6
Pennsylvania Lines		4 427 518	192 026	134 159	69.9	303 625	24 556	20.4	33.0	8.1
Perkiomen		5 328	200	180	90.0	122	-	52.9	29.6	-
Philadelphia & Reading		631 201	25 109	16 660	66.4	36 881	1 768	22.0	37.9	4.8
Port Reading		8 403	341	176	51.6	2 498	29	4.4	47.7	1.2
Staten Island Rapid Transit		b	100	75	75.0	3 895	108	0.8	-	2.8
Toledo & Ohio Central		124 277	5 075	2 814	55.4	6 332	413	25.9	44.2	6.5
Toledo, St. Louis & Western		119 358	5 983	4 457	74.5	3 974	201	48.6	26.8	5.1
Western Maryland		179 478	6 854	4 156	60.6	8 298	737	26.6	43.2	8.9
Wheeling & Lake Erie		107 791	3 824	2 696	70.5	10 296	940	12.0	40.0	9.1
TOTAL - OHIO-INDIANA-ALLEGHENY REGION		8 855 927	384 658	267 599	69.6	565 431	43 598	21.9	33.1	7.7
POCAHONTAS REGION										
Chesapeake & Ohio		1 068 530	41 969	25 984	61.9	33 807	3 104	40.0	41.1	9.2
Norfolk & Western		929 819	35 036	22 398	63.9	31 596	2 452	35.8	41.5	7.8
Virginian		247 766	8 732	4 647	53.2	6 826	715	41.3	53.3	10.5
TOTAL - POCAHONTAS REGION		2 246 115	85 737	53 029	61.9	72 229	6 271	38.3	42.4	8.7

MARCH	1920	Net Ton-miles (thousands) 1	Freight car-miles (thousands)			Freight cars on line daily		Efficiency ratios		
			Total 2	Loaded 3	Per cent loaded to total 4 = 3 ÷ 2	Total 5	Unservice- able 6	Car-miles per day 7 = $\frac{2+3+5}{31}$	Tons per car 8 = 1 ÷ 3	Per cent of unservice- able cars 9 = 6 ÷ 5
Road										
SOUTHERN REGION										
Alabama & Vicksburg	14 488	796	588	73.9	1 154	4	22.3	24.6	0.2	
Alabama Great Southern	75 581	3 835	2 848	74.3	5 355	83	23.1	26.5	1.5	
Atlanta & West Point	7 325	432	340	78.7	730	89	19.1	21.5	12.2	
Atlanta, Birmingham & Atlantic	53 887	2 922	1 908	65.3	3 310	340	28.5	28.2	10.3	
Atlantic Coast Line	348 936	24 028	16 578	69.0	26 290	3 488	21.4	21.0	9.6	
Carolina, Clinchfield & Ohio	72 286	2 847	1 847	64.9	5 575	210	16.5	39.1	3.8	
Central of Georgia	125 896	6 562	5 090	77.6	10 491	474	20.2	24.7	4.5	
Charleston & Western Carolina	20 095	1 010	680	67.3	2 309	170	14.1	29.6	7.4	
Cincinnati, New Orleans & Texas Pacific	129 031	7 491	6 021	80.4	6 728	679	35.9	21.4	10.1	
Florida East Coast	71 880	5 475	3 762	68.7	4 101	219	42.1	19.1	5.2	
Georgia	36 197	1 918	1 515	79.0	2 823	289	21.9	23.9	10.2	
Georgia Southern & Florida	28 006	1 725	1 253	72.6	1 847	228	30.1	22.4	12.3	
Gulf & Ship Island	6 944	406	305	75.1	1 023	32	12.8	22.8	3.1	
Gulf, Mobile & Northern	13 158	772	584	75.6	1 710	122	14.6	22.5	7.1	
Illinois Central	1 234 230	61 145	41 827	68.4	43 783	2 966	45.0	29.5	6.8	
Louisville & Nashville	836 839	39 230	28 179	71.8	41 633	3 430	30.4	29.7	8.2	
Louisville, Henderson & St. Louis	18 437	966	766	79.3	690	14	45.2	24.1	2.0	
Mississippi Central	2 050	152	99	65.1	477	18	10.3	20.7	3.8	
Mobile & Ohio	173 072	7 935	6 311	79.5	8 048	806	31.8	27.4	10.0	
Nashville, Chattanooga & St. Louis	122 732	6 607	5 294	80.1	9 954	477	21.4	23.2	4.8	
New Orleans & Northeastern	45 420	2 118	1 655	78.1	3 455	241	19.8	27.4	7.0	
New Orleans Great Northern	9 433	534	369	69.1	848	30	20.2	25.6	3.5	
Northern Alabama	10 703	477	279	58.5	1 114	-	13.8	38.4	-	
Norfolk Southern	31 702	1 773	1 374	77.5	4 404	392	13.0	23.1	8.9	
Richmond, Fred. & Potomac (Incl. W.S.)	39 103	2 475	1 886	76.2	2 352	346	33.9	20.7	14.7	
Seaboard Air Line	264 724	15 983	11 550	72.3	25 995	1 607	19.8	22.9	6.2	
Southern	834 153	46 533	35 941	77.2	66 120	2 975	22.7	23.2	4.5	
Southern in Mississippi	5 059	320	230	71.9	871	77	11.9	22.0	6.8	
Tennessee Central	12 858	641	485	75.7	1 170	68	17.7	26.5	5.8	
Vicksburg, Shreveport & Pacific	17 585	896	593	66.2	1 943	105	14.9	29.7	5.4	
Western of Alabama	9 170	540	379	70.2	914	113	19.1	24.2	12.4	
Yazoo & Mississippi Valley	216 262	10 616	8 004	75.4	10 607	541	32.3	27.0	5.1	
TOTAL - SOUTHERN REGION	4 887 242	259 161	188 540	72.8	307 824	20 633	27.2	25.9	6.7	
NORTHWESTERN REGION										
Chicago & Northwestern	1 122 238	53 227	38 720	72.7	83 880	5 796	20.5	29.0	6.9	
Chicago, Milwaukee & St. Paul	1 161 911	60 984	45 320	76.0	91 660	5 750	21.5	25.1	6.3	
Chicago Great Western	152 990	8 032	6 215	77.4	12 149	1 491	21.3	24.6	12.3	
Chicago, St. Paul, Minneapolis & Omaha	148 494	8 443	6 641	78.7	13 382	1 254	20.4	22.4	9.4	
Duluth & Iron Range	6 845	470	306	65.1	6 378	164	2.4	22.4	2.6	
Duluth, Missabe & Northern	8 496	493	314	63.7	9 132	90	1.7	27.1	1.0	
Duluth, South Shore & Atlantic	31 151	1 430	1 131	79.1	3 023	151	15.3	27.5	5.0	
Duluth, Winnipeg & Pacific	16 963	974	732	75.2	2 196	316	14.3	23.2	14.4	
Elgin, Joliet & Eastern	222 853	8 313	5 636	67.8	16 479	1 118	16.3	39.5	6.8	
Great Northern	683 801	35 985	26 631	74.0	46 556	3 918	24.9	25.7	8.4	
Lake Superior & Ishpeming	299	20	9	45.0	1 071	51	0.6	33.2	4.8	
Mineral Range	2 069	103	57	55.3	970	15	3.4	36.3	1.5	
Minneapolis & St. Louis	110 842	5 458	4 151	76.1	7 675	603	22.9	26.7	7.9	
Minneapolis, St. Paul & Sault Ste Marie	317 968	16 567	12 776	83.2	20 792	1 442	25.7	23.1	6.9	
Northern Pacific	790 700	38 652	29 944	77.5	37 020	2 747	33.7	26.4	7.4	
Oregon-Washington R.R. & Nav.Co.	203 900	9 465	7 308	77.2	11 611	233	26.3	27.9	2.0	
Spokane, Portland & Seattle	49 694	2 095	1 616	86.7	1 923	91	35.1	27.4	4.7	
TOTAL - NORTHWESTERN REGION	5 031 214	250 711	189 707	75.7	365 897	25 230	22.1	26.5	6.9	
CENTRAL WESTERN REGION										
Arizona Eastern	11 244	546	336	61.5	760	18	23.2	33.5	2.4	
Atchafalaya, Topeka & Santa Fe	1 145 208	71 918	50 582	70.3	70 896	5 170	32.7	22.6	7.3	
Bingham & Garfield	8 245	241	125	51.9	855	28	9.1	66.0	3.3	
Chicago & Alton	190 630	10 623	7 323	68.9	11 239	466	30.5	26.0	4.1	
Chicago & Eastern Illinois	244 534	11 763	7 769	66.0	21 243	1 970	17.9	31.5	9.3	
Chicago, Burlington & Quincy	1 402 914	68 565	50 079	73.0	74 452	4 942	29.7	20.8	6.6	
Chicago, Peoria & St. Louis	17 781	912	698	76.5	1 440	51	20.4	25.5	3.5	
Chicago, Rock Island & Gulf	33 507	1 961	1 437	73.3	2 264	127	27.9	23.3	5.6	
Chicago, Rock Island & Pacific	766 699	42 688	32 567	76.3	53 552	2 973	25.7	23.5	5.6	
Chicago, Terre Haute & Southeastern	43 220	2 121	981	46.3	3 271	278	20.9	44.1	8.5	
Colorado & Southern	71 244	3 307	2 148	65.0	6 823	494	15.6	33.2	7.2	
Denver & Rio Grande	181 774	8 125	5 757	70.9	14 103	645	18.6	31.6	4.6	
Denver & Salt Lake	10 796	458	290	63.3	1 385	106	10.7	37.2	7.7	
El Paso & Southwestern	115 293	5 727	4 120	71.9	4 570	151	40.4	28.0	3.3	
Fort Worth & Denver City	56 598	3 055	2 087	68.3	6 095	431	16.2	27.1	7.1	
Los Angeles & Salt Lake	74 579	4 661	3 124	67.0	2 900	168	51.8	23.9	5.8	
Nevada Northern	9 039	357	184	51.5	446	21	25.8	49.1	4.7	
Northwestern Pacific	10 582	847	562	66.4	1 837	61	14.9	18.8	3.3	
Oregon Short Line	321 191	14 502	11 097	76.5	8 721	335	53.6	28.9	3.8	
Quincy, Omaha & Kansas City	9 258	449	318	70.8	381	11	38.0	29.1	2.9	
Southern Pacific (Pacific System)	857 451	47 299	34 119	72.1	43 275	1 925	35.3	25.1	4.4	
St. Joseph & Grand Island	18 990	1 175	915	77.9	698	96	54.3	20.8	13.8	
Toledo, Peoria & Western	6 951	326	246	75.5	689	49	15.3	38.3	7.1	
Union Pacific	792 841	39 886	32 707	82.0	20 371	1 124	63.2	24.2	5.5	
Utah	12 165	465	249	53.5	541	16	27.7	48.9	5.0	
Western Pacific	118 574	5 304	3 235	61.0	2 543	135	67.3	36.7	5.3	
TOTAL - CENTRAL WESTERN REGION	6 567 208	347 281	253 055	72.9	355 350	21 791	31.5	26.0	6.1	

MARCH	1920	Net ton-miles (thousands) 1	Freight car-miles (thousands)			Freight cars on line daily		Efficiency ratios		
			Total 2	Loaded 3	Per cent loaded to total 4= 3 ÷ 2	Total 5	Unservice- able 6	Car-miles	Tons	Per cent of
								per day 7 = $\frac{2+5}{31}$	per car 8=1 ÷ 3	unservice- able cars 9 = 6 ÷ 5
SOUTHWESTERN REGION										
Beaumont, Sour Lake & Western		12 488	694	447	64.4	982	15	22.8	27.9	1.5
Fort Worth & Rio Grande		3 989	299	195	65.2	1 210	52	8.0	20.5	4.3
Gulf, Colorado & Santa Fe		146 525	8 461	6 223	73.5	16 626	930	16.4	23.5	5.6
International & Great Northern		89 124	5 546	3 731	67.3	5 969	277	30.0	23.9	4.6
Kansas City, Mexico & Orient		6 858	398	284	71.4	639	108	20.1	24.1	16.9
Kansas City, Mexico & Orient of Texas		6 831	456	323	70.8	675	10	21.8	21.1	1.5
Kansas City Southern (Incl.T.& F.S.)		148 903	7 506	5 506	73.4	7 967	206	30.4	27.0	2.6
Kansae, Oklahoma & Gulf		17 317	916	521	56.9	1 749	195	16.9	33.2	11.1
Louisiana & Arkansas		19 026	1 034	622	60.2	2 450	42	13.6	30.6	1.7
Louisiana Ry. & Nav. Co.		17 051	967	614	63.5	2 025	104	15.4	27.8	5.1
Midland Valley		18 292	1 237	647	52.3	2 214	22	18.0	28.3	1.0
Missouri & North Arkansas		8 189	416	353	84.9	735	24	18.2	23.2	3.3
Missouri, Kansas & Texas		192 590	13 095	8 117	62.0	14 972	1 314	28.2	23.7	8.8
Missouri, Kansas & Texas of Texas		117 297	7 361	5 011	68.1	15 466	812	15.4	23.4	5.3
Missouri Pacific		819 445	40 778	31 161	76.4	56 398	2 149	23.3	26.3	3.8
New Orleans, Texas & Mexico		14 969	753	571	75.8	1 104	77	22.0	26.2	7.0
St. Louis, Brownsville & Mexico		38 147	2 941	1 757	59.7	4 149	161	22.9	21.7	3.9
St. Louis-San Francisco		403 528	24 312	16 813	69.2	38 022	1 850	20.6	24.0	4.9
St. Louis, San Francisco & Texas		8 240	533	351	65.9	1 479	64	11.6	23.5	4.3
St. Louis Southwestern		126 024	6 818	5 080	74.5	6 740	257	32.6	24.8	3.8
St. Louis Southwestern of Texas		46 151	2 683	1 944	72.5	3 864	196	22.4	23.7	5.1
San Antonio & Arkansas Pass		14 146	1 049	737	70.3	1 731	120	19.5	19.2	6.9
Sunset Linee (Incl.H&TC and HE&WT)		325 466	17 918	12 543	70.0	24 469	1 170	23.6	25.9	4.8
Texas & Pacific		150 531	9 479	6 582	69.4	16 863	1 470	18.1	22.9	8.7
Trinity & Brazos Valley		10 130	637	482	75.7	1 009	193	20.4	21.0	19.1
Wichita Falls & Northwestern		7 011	414	268	64.7	1 453	48	9.2	26.2	3.3
Wichita Valley		4 397	274	210	76.6	966	8	9.1	20.9	0.8
TOTAL - SOUTHWESTERN REGION		2 772 665	156 975	111 093	70.8	231 926	11 874	21.8	25.0	5.1

a Not reported. b Not available.

MONTHLY SUMMARY - UNITED STATES

January 1917 to March 1920

Month	Car-miles per day				Tons per car (Revenue and Non-Revenue)				Percentage of unserviceable cars				Per cent loaded to total car-miles			
	1917	1918	1919	1920	1917	1918	1919	1920	1917	1918	1919	1920	1917	1918	1919	1920
January	25.3	18.3	21.4	22.8	26.4	29.5	29.0	28.3	5.5	5.1	6.0	6.5	70.1	70.0	66.2	70.9
February	23.9	22.0	20.3	22.3	26.1	28.4	27.7	28.3	5.5	5.2	5.6	6.5	71.5	70.9	67.5	72.0
March	25.5	24.9	20.4	23.9	26.4	28.1	27.6	28.3	5.4	5.0	5.6	7.0	70.8	71.4	68.1	72.3
April	27.4	25.9	21.0	-	25.5	29.4	27.3	-	5.8	5.1	5.4	-	71.6	68.0	68.1	-
May	29.0	26.4	22.8	-	26.7	27.7	27.7	-	5.5	5.4	7.3	-	70.1	66.8	67.4	-
June	28.4	26.8	23.0	-	27.8	28.3	27.5	-	5.5	5.9	8.1	-	68.7	66.8	67.9	-
July	28.3	26.5	24.1	-	27.1	30.1	27.8	-	6.0	6.9	8.7	-	67.9	64.7	68.0	-
August	27.1	26.0	24.2	-	27.9	30.1	28.0	-	5.0	6.5	9.2	-	68.7	67.5	70.4	-
September	26.5	26.8	26.5	-	27.0	29.7	28.3	-	5.3	6.2	8.5	-	70.0	66.9	69.6	-
October	26.3	26.2	27.3	-	27.7	29.7	28.0	-	5.5	6.0	7.4	-	71.5	67.9	68.4	-
November	26.2	24.5	23.3	-	27.2	29.5	26.2	-	5.2	5.6	6.3	-	71.0	67.1	71.3	-
December	21.3	22.8	22.3	-	29.2	29.8	27.7	-	5.2	5.8	6.2	-	70.9	65.9	71.1	-
Total	26.1	24.9	23.1	-	27.0	29.1	27.8	-	5.6	5.7	7.1	-	70.2	67.7	68.7	-

BUREAU OF RAILWAY ECONOMICS
WASHINGTON, D. C.

FREIGHT CAR PERFORMANCE

April 1920

Statistics of freight car performance for the month of April, 1920, herein presented, are based on the reports of the several railways of Class I to the Interstate Commerce Commission.

Railways of Class I are those with annual operating revenues above \$1,000,000. This class of roads operate an aggregate mileage approximating 90 per cent of the total standard gauge steam railway mileage of the United States, and own about 96 per cent of the total number of standard gauge railway cars. The operations included in this statement for April cover 230,361 miles of line.

To accord with the territorial grouping of the Interstate Commerce Commission, the former Central District is now entitled "Great Lakes Region", while the former Ohio-Indiana and Allegheny districts are now combined into the "Ohio-Indiana-Allegheny Region".

Net ton-miles include both revenue and non-revenue freight throughout. Freight car-miles include all mileage made by freight cars in freight, mixed, special, and other trains. Unserviceable freight cars are those in or awaiting shop, including all "bad order" cars.

The significant factors for the month of April were as follows:

Per cent of loaded car-miles.....	68.3
Car-miles per day.....	19.4
Tons per loaded car.....	28.6
Per cent of unserviceable cars.....	6.5

It is evident that April operations were affected by the strike, for the percentage of loaded car-miles and the car-miles per day were lower than in March. Carloading, however, was increased, and the percentage of unserviceable was lowered below the March average.

Road	1920 Net ton-miles (thousands) 1	Freight car-miles (thousands)			Freight cars on line daily		Efficiency ratios		
		Total 2	Loaded 3	Per cent loaded to total 4 = 3 ÷ 2	Total 5	Unservice- able 6	Car-Miles per day 7 = $\frac{2 \div 5}{30}$	Tons per car 8 = 1 ÷ 3	Per cent unservice- able cars 9 = 6 ÷ 5
NEW ENGLAND REGION	881 991	51 410	36 635	71.3	128 895	8 725	13.3	24.1	6.8
GREAT LAKES REGION	4 206 459	216 956	145 363	67.0	473 200	32 825	15.3	28.9	6.9
OHIO-INDIANA-ALLEGHENY REGION	6 127 260	269 525	177 459	65.8	578 327	36 465	15.5	34.5	6.3
POCAHONTAS REGION	1 969 411	74 493	44 451	59.7	72 146	5 847	34.4	44.3	8.1
SOUTHERN REGION	4 279 573	240 650	166 000	69.0	312 155	21 265	25.7	25.8	6.8
NORTHWESTERN REGION	4 097 735	219 055	157 878	72.1	354 761	24 235	20.6	26.0	6.8
CENTRAL WESTERN REGION	4 625 852	254 846	178 975	70.2	359 517	21 559	23.6	25.8	6.0
SOUTHWESTERN REGION	2 302 334	133 392	90 895	68.1	224 999	11 116	19.8	25.3	4.9
GRAND TOTAL - ALL REGIONS	28 490 595	1 460 327	997 656	68.3	2 504 000	162 037	19.4	28.6	6.5
NEW ENGLAND REGION									
Atlantic & St. Lawrence	15 548	896	547	61.0	1 546	120	19.3	28.4	7.8
Bangor & Arcootook	31 681	2 271	1 361	59.9	4 232	133	17.6	23.3	3.1
Boston & Albany	126 973	7 964	5 300	66.5	11 218	297	23.7	24.0	3.5
Boston & Maine	331 441	18 866	13 622	72.2	40 095	3 258	15.7	24.3	8.1
Canadian Pacific (Lines in Maine)	26 280	1 735	1 138	65.6	1 065	40	54.3	23.1	3.8
Central New England	33 595	1 432	1 051	73.4	3 026	323	15.8	32.0	10.7
Central Vermont	30 751	1 905	1 447	76.0	3 031	226	21.0	21.3	7.5
Maine Central	92 465	5 648	3 828	67.8	10 928	1 072	17.2	24.2	9.8
New York, New Haven & Hartford	163 582	9 278	7 274	78.4	51 431	3 060	6.0	22.5	5.9
Rutland	29 675	1 415	1 067	75.4	2 303	96	20.5	27.8	4.2
TOTAL - NEW ENGLAND REGION	881 991	51 410	36 635	71.3	128 895	8 725	13.3	24.1	6.8
GREAT LAKES REGION									
Ann Arbor	35 843	1 649	1 383	83.9	3 854	235	14.3	25.9	6.1
Buffalo, Rochester & Pittsburgh	182 981	7 622	4 242	55.7	11 054	813	23.0	43.1	7.4
Chgo. Det. & Can. Grand Trunk Jct.	5 967	256	187	73.0	662	60	12.9	31.9	9.1
Delaware & Hudson	369 147	15 209	10 298	67.7	17 815	1 031	28.5	35.8	5.8
Delaware, Lackawanna & Western	232 512	11 627	7 945	68.3	25 627	1 030	15.1	29.3	4.0
Detroit & Mackinac	6 508	458	283	61.8	1 077	98	14.2	23.0	9.1
Detroit & Toledo Shore Line &	-	-	-	-	-	-	-	-	-
Detroit, Grand Haven & Milwaukee	18 840	868	653	75.8	2 245	202	12.9	25.6	9.0
Erie (Incl. Chicago & Erie)	572 085	26 884	19 056	70.9	62 711	4 118	14.3	30.0	6.6
Grand Trunk Western	72 565	4 085	3 202	78.4	10 558	952	12.9	22.7	9.0
Lehigh & Hudson River	24 623	889	667	75.0	1 939	60	15.3	36.9	3.1
Lehigh & New England	18 626	687	431	62.7	3 385	117	6.8	43.2	3.5
Lehigh Valley	329 333	15 443	10 435	67.5	39 626	2 460	13.0	31.6	6.2
Michigan Central	224 792	12 335	8 993	72.9	41 256	2 229	10.0	25.0	5.4
Monongahela	17 063	588	317	53.9	816	30	24.0	53.8	3.7
New Jersey & New York	147	10	6	60.0	129	-	2.6	24.5	-
New York Central	1 479 750	86 476	54 015	62.5	159 094	10 798	18.1	27.4	6.8
New York, Chicago & St. Louis	125 041	6 989	5 325	76.2	9 290	583	25.1	23.5	6.3
New York, Ontario & Western	47 350	2 123	1 311	61.8	6 269	910	11.3	36.1	14.5
New York, Susquehanna & Western	5 157	233	153	65.7	2 732	135	2.8	33.7	4.9
Pere Marquette	141 458	7 607	5 654	74.3	22 964	1 355	11.0	25.0	5.9
Pittsburgh & Lake Erie	72 420	2 499	1 694	67.8	23 470	2 043	3.5	42.8	8.7
Pittsburgh & Shawmut	10 292	410	217	52.9	603	25	22.7	47.4	4.1
Pittsburgh, Shawmut & Northern	8 964	452	215	47.6	1 803	1 127	8.4	41.7	62.5
Ulster & Delaware	4 909	217	125	57.6	415	10	17.4	39.3	2.4
Wabash	202 086	11 355	8 551	75.3	23 805	2 404	15.9	23.6	10.1
TOTAL - GREAT LAKES REGION	4 206 459	216 956	145 363	67.0	473 200	32 825	15.3	28.9	6.9
OHIO-INDIANA-ALLEGHENY REGION									
Atlantic City	4 302	202	135	66.8	338	8	19.9	31.9	2.4
Baltimore & Ohio (East & West)	1 268 768	54 710	36 173	66.1	92 924	6 365	19.6	35.1	6.8
Bessemer & Lake Erie	131 705	3 350	2 643	78.9	5 102	594	21.9	49.8	11.6
Buffalo & Susquehanna R.R. Corp.	26 568	1 060	582	54.9	1 603	171	22.0	45.6	10.7
Central of New Jersey	116 250	5 586	3 494	62.5	23 252	1 755	8.0	33.3	7.5
Chicago, Indianapolis & Louisville	63 020	3 064	2 160	70.5	5 184	330	19.7	29.2	6.4
Cincinnati, Indianapolis & Western	21 631	1 057	789	74.6	1 823	257	19.3	27.4	14.1
Cincinnati Northern	21 932	1 181	704	59.6	1 489	75	26.5	31.2	5.1
Cleveland, Cinclin. Chgo. & St. Louis	352 175	19 078	12 626	66.2	31 633	1 954	20.1	27.9	5.9
Detroit, Toledo & Ironton	41 583	1 563	1 068	68.3	5 408	537	9.6	38.9	9.9
Hocking Valley	68 159	2 827	1 608	56.9	8 033	1 625	11.7	42.4	20.2
Kanawha & Michigan	27 790	1 410	720	51.1	2 381	240	19.7	38.6	10.1
Lake Erie & Western	68 873	3 395	2 809	82.7	5 579	325	20.3	24.5	5.8
Long Island	5 401	417	267	64.0	6 581	156	2.1	20.2	2.4
Pennsylvania System	3 026 600	135 029	88 547	65.6	311 654	18 529	14.4	34.2	5.9
Perkiomen	5 139	207	177	85.5	140	-	49.3	29.0	-
Philadelphia & Reading	485 049	18 574	12 497	67.3	39 894	1 542	15.5	38.8	3.9
Port Reading	2 821	128	63	49.2	2 303	18	1.9	44.8	0.8
Staten Island Rapid Transit	b	56	41	73.2	3 810	45	0.4	-	1.2
Toledo & Ohio Central	76 173	3 683	1 752	47.6	6 507	443	18.9	43.5	6.8
Toledo, St. Louis & Western	67 514	4 270	2 987	70.0	3 745	165	38.0	22.6	4.4
Western Maryland	160 805	5 619	3 607	64.2	8 767	536	21.4	44.6	6.1
Wheeling & Lake Erie	84 952	3 059	2 010	65.7	10 182	895	10.0	42.3	8.8
TOTAL-OHIO-INDIANA-ALLEGHENY REGION	6 127 260	269 525	177 459	65.8	578 327	36 465	15.5	34.5	6.3
POCAHONTAS REGION									
Chesapeake & Ohio	930 597	37 171	22 251	59.9	34 575	3 533	35.8	41.8	10.2
Norfolk & Western	778 501	28 003	17 223	61.5	31 115	1 895	30.0	45.2	6.1
Virginian	260 313	9 319	4 977	53.4	6 456	419	48.1	52.3	6.5
TOTAL - POCAHONTAS REGION	1 969 411	74 493	44 451	59.7	72 146	5 847	34.4	44.3	8.1

APRIL	1920	Freight car-miles (thousands)				Freight cars on line daily		Efficiency ratios		
		Net Ton-Miles (thousands) 1	Total 2	Loaded 3	Per cent loaded to total 4 = 3 ÷ 2	Total 5	Unservice- able 6	Car-miles per day 7 = $\frac{2 \div 5}{30}$	Tons per car 8 = 1 ÷ 3	Per cent of unservice- able cars 9 = 6 ÷ 5
Road										
SOUTHERN REGION										
Alabama & Vicksburg	13 536	801	550	68.7	977	13	27.2	24.6	1.8	
Alabama Great Southern	79 127	4 136	3 016	72.0	3 234	113	43.1	25.2	3.5	
Atlanta & West Point	7 729	462	343	74.2	720	88	21.4	22.5	12.2	
Atlanta, Birmingham & Atlantic	50 808	2 801	1 703	60.8	3 441	214	27.1	29.6	6.2	
Atlantic Coast Line	318 611	23 166	15 193	65.6	36 285	4 284	21.3	21.0	11.6	
Carolina, Clinchfield & Ohio	76 553	5 081	1 768	57.4	5 309	283	19.3	43.2	5.4	
Central of Georgia	113 293	6 109	4 559	74.6	9 114	437	22.3	24.9	4.8	
Charleston & Western Carolina	22 361	1 083	721	66.6	2 806	189	12.9	31.0	6.7	
Cincinnati, New Orleans & Tex. Pac.	111 734	5 985	4 966	83.0	8 402	610	23.7	22.5	7.3	
Florida East Coast	62 682	5 003	3 123	62.4	4 528	202	36.8	20.1	4.5	
Georgia Railroad	32 528	1 838	1 382	75.1	2 804	474	21.8	23.5	16.9	
Georgia Southern & Florida	25 070	1 604	1 106	69.0	2 104	238	25.4	22.7	11.3	
Gulf & Ship Island	6 537	422	294	69.7	1 182	33	11.9	22.2	2.8	
Gulf, Mobile & Northern	16 592	899	659	73.3	1 974	106	15.2	25.2	5.4	
Illinois Central	1 012 780	53 746	35 710	66.4	46 946	2 645	38.2	28.4	5.6	
Louisville & Nashville	705 860	36 712	24 156	65.8	41 142	3 075	29.7	29.2	7.5	
Louisville, Henderson & St. Louis	18 644	714	583	81.7	527	11	45.2	32.0	2.1	
Mississippi Central	1 527	123	82	66.7	502	23	8.2	16.6	4.6	
Mobile & Ohio	123 401	5 918	4 491	75.9	8 771	694	22.5	27.5	7.9	
Nashville, Chattanooga & St. Louis	116 881	6 629	4 893	73.8	10 384	648	21.3	23.3	5.2	
New Orleans & Northeastern	46 487	2 403	1 793	74.6	3 096	614	25.9	25.9	19.8	
New Orleans Great Northern	8 249	459	319	69.5	851	16	18.0	25.9	1.9	
Northern Alabama	10 450	467	263	56.3	1 114	-	14.0	39.7	-	
Norfolk Southern	28 131	1 564	1 215	73.0	4 900	444	11.3	23.2	9.1	
Richmond, Fredericksburg & Potomac	29 293	1 909	1 465	76.7	2 287	297	27.8	20.0	15.0	
Seaboard Air Line	236 679	15 289	10 223	66.9	26 839	1 567	19.0	23.2	3.8	
Southern Railway	767 287	45 072	32 555	72.2	66 739	3 044	22.5	23.6	4.6	
Southern Ry. in Mississippi	5 637	342	241	70.5	874	86	13.0	23.4	9.8	
Tennessee Central	12 375	637	483	75.8	1 106	58	19.2	26.7	5.2	
Vicksburg, Shreveport & Pacific	17 104	996	653	65.6	1 802	138	18.4	26.2	7.7	
Western Ry. of Alabama	8 537	586	368	62.8	914	111	21.4	25.2	12.1	
Yazoo & Mississippi Valley	192 538	9 544	7 128	74.7	10 431	500	30.4	27.0	4.8	
TOTAL - SOUTHERN REGION	4 279 573	240 650	166 000	69.0	312 155	21 265	25.7	25.8	6.8	
NORTHWESTERN REGION										
Chicago & Northwestern	663 557	42 562	28 826	67.7	82 928	5 447	17.1	23.0	6.6	
Chicago, St. Paul, Minneapolis & Omaha	131 463	7 269	5 808	79.9	12 071	1 052	20.1	22.6	3.7	
Chicago Great Western	98 093	5 457	4 156	76.2	12 477	1 365	14.6	23.6	10.9	
Chicago, Milwaukee & St. Paul	970 353	55 118	37 395	67.8	83 907	5 535	21.9	25.9	6.6	
Duluth & Iron Range	11 704	513	387	75.4	6 612	172	2.6	30.2	2.6	
Duluth, Missabe & Northern	21 230	1 000	573	57.3	9 131	75	3.7	37.1	0.8	
Duluth, South Shore & Atlantic	31 215	1 524	1 126	73.9	2 976	141	17.1	27.7	4.7	
Duluth, Winnipeg & Pacific	21 943	921	640	68.7	2 229	251	13.9	34.3	11.3	
Elgin, Joliet & Eastern	148 507	5 830	3 613	62.0	16 369	1 271	11.9	41.1	7.8	
Great Northern	739 747	35 330	26 960	76.3	46 646	3 895	25.2	27.4	8.4	
Lake Superior & Ishpeming	288	34	19	55.9	1 070	19	1.1	15.2	1.8	
Mineral Range	2 074	103	57	55.3	987	16	3.6	36.4	1.7	
Minneapolis & St. Louis	108 485	5 189	4 059	78.2	8 638	549	20.0	26.7	6.4	
Minneapolis, St. Paul & S.S. Marie	264 353	14 808	11 664	78.8	20 990	1 333	23.5	22.7	6.4	
Northern Pacific	705 103	35 302	26 087	73.9	34 632	2 863	24.0	27.0	8.3	
Oregon-Washington R.R. & Nav. Co.	138 655	6 187	4 973	80.4	10 772	169	19.1	27.9	1.6	
Spokane, Portland & Seattle	40 963	1 898	1 535	80.9	2 346	82	27.0	26.7	3.5	
TOTAL - NORTHWESTERN REGION	4 097 735	219 055	157 878	72.1	354 761	24 255	20.6	26.0	6.8	
CENTRAL WESTERN REGION										
Arizona Eastern	8 146	400	243	60.8	673	13	19.8	33.5	1.9	
Atchison, Topeka & Santa Fe	829 359	52 879	36 523	69.1	73 298	5 471	24.0	22.7	7.5	
Bingham & Carfield	8 686	256	129	50.4	809	36	10.5	67.2	4.4	
Chicago & Alton	119 942	6 417	4 268	66.5	11 041	314	19.4	28.1	2.8	
Chicago & Eastern Illinois	123 729	6 100	3 870	63.4	23 158	1 730	8.8	32.0	7.5	
Chicago, Peoria & St. Louis	13 019	297	307	77.2	1 198	54	11.0	42.4	4.5	
Chicago, Rock Island & Pac. (Inc. CRI&G)	607 900	36 096	25 322	70.2	59 428	3 303	20.2	24.0	5.6	
Chicago, Terre Haute & Southeastern	21 611	937	491	52.4	2 635	205	11.9	44.0	7.8	
Chicago, Burlington & Quincy	1 154 285	59 006	41 752	70.8	72 789	5 075	27.0	27.6	7.0	
Colorado & Southern	69 942	3 297	2 194	66.5	6 793	517	16.2	31.9	7.6	
Denver & Rio Grande	114 961	5 502	3 851	70.0	15 665	729	13.4	29.9	5.2	
Denver & Salt Lake	1 441	62	43	69.4	1 580	22	1.2	35.5	1.4	
El Paso & Southwestern	63 503	3 748	2 235	59.6	4 358	144	28.7	28.4	3.3	
Fort Worth & Denver City	47 291	2 602	1 747	67.1	5 610	518	15.5	27.1	9.2	
Los Angeles & Salt Lake	48 862	3 257	2 174	66.7	3 129	125	34.7	22.5	4.0	
Nevada Northern	7 799	296	154	52.0	400	13	24.7	50.6	3.3	
Northwestern Pacific	7 146	691	492	71.2	1 495	64	15.4	14.5	4.2	
Oregon Short Line	221 351	10 343	7 654	73.8	9 786	267	25.2	29.0	2.7	
Quincy, Omaha & Kansas City	6 430	225	220	67.7	369	9	29.4	29.2	2.4	
St. Joseph & Grand Island	13 794	912	659	72.3	784	95	38.8	20.9	12.1	
Southern Pacific	528 452	29 739	20 684	69.6	41 234	1 540	24.0	25.5	3.7	
Toledo, Peoria & Western	6 049	300	224	74.7	755	51	13.2	27.0	6.8	
Union Pacific	534 696	28 134	21 740	77.3	19 684	1 137	47.6	24.6	5.8	
Utah	8 360	315	168	53.3	547	15	19.2	49.8	2.7	
Western Pacific	59 098	2 835	1 851	65.3	4 251	112	22.2	31.9	2.6	
TOTAL - CENTRAL WESTERN REGION	4 625 852	234 846	178 975	70.2	359 517	21 559	23.6	25.8	6.0	

APRIL	1920	Freight car-miles (thousands)			Freight cars on line daily		Efficiency ratios		
	Net Ton-miles (thousands)	Total	Loaded	Per cent loaded to total	Total	Unservice- able	Car-miles per day	Tons per car	Per cent of unservice- able cars
Road	1	2	3	4 = 3 ÷ 2	5	6	7 = $\frac{2+5}{30}$	8 = 1 ÷ 3	9 = 6 ÷ 5
SOUTHWESTERN REGION									
Beaumont, Sour Lake & Western	11 860	645	459	71.2	961	7	22.4	25.8	0.7
Fort Worth & Rio Grande	3 556	337	228	67.7	1 128	57	10.0	15.6	4.9
Gulf, Colorado & Santa Fe	146 951	8 121	5 992	73.2	15 678	1 024	17.4	24.5	6.5
International Great Northern	83 629	6 180	3 767	61.0	6 119	253	33.6	22.2	4.1
Kansas City, Mexico & Orient	5 434	364	236	64.8	485	5	25.0	23.0	1.0
Kansas City, Mexico & Orient of Texas	6 727	644	360	55.9	861	7	24.9	18.7	0.8
Kansas City Southern (Incl. T. & P. S.)	98 940	5 026	3 690	73.4	6 948	139	24.1	26.6	2.0
Kansas, Oklahoma & Gulf	16 291	799	497	62.2	1 550	172	17.2	32.8	11.1
Louisiana & Arkansas	17 224	886	555	62.6	2 038	38	14.5	28.2	3.1
Louisiana Ry. & Nav. Co.	18 331	1 060	531	50.1	1 658	85	21.3	34.5	5.1
Midland Valley	13 612	979	533	54.4	1 916	28	17.0	25.5	1.5
Missouri & North Arkansas	8 044	377	314	83.3	854	24	14.7	25.6	2.6
Missouri, Kansas & Texas	150 274	10 050	6 338	63.1	14 696	1 078	22.8	23.7	7.3
Missouri, Kansas & Texas of Texas	114 157	7 077	4 620	65.3	13 920	533	16.9	24.7	4.5
Missouri Pacific	576 619	30 015	21 838	72.8	55 344	1 866	18.1	26.4	3.4
New Orleans, Texas & Mexico	16 652	883	656	74.3	1 426	105	20.6	25.4	7.4
St. Louis, Brownsville & Mexico	40 764	3 215	1 948	60.6	5 049	205	21.2	20.9	4.1
St. Louis-San Francisco	344 144	19 936	13 163	66.0	38 975	1 945	17.1	26.1	5.0
St. Louis-San Francisco of Texas	7 678	474	295	62.2	1 379	70	11.5	26.0	5.1
St. Louis Southwestern	86 172	5 201	3 754	72.2	5 593	274	31.0	23.0	4.9
St. Louis Southwestern of Texas	41 151	2 456	1 763	71.7	3 859	194	22.2	23.4	5.0
San Antonio & Aransas Pass	15 531	1 169	669	57.4	1 802	156	21.6	23.2	8.7
Sunset Lines (Incl. H&O and HE&WT)	311 913	16 964	11 577	68.2	23 755	1 156	23.9	26.9	4.9
Texas & Pacific	149 679	9 427	6 386	67.7	15 897	1 349	19.8	23.4	8.5
Trinity & Brazos Valley	8 336	496	362	73.0	775	209	21.3	23.0	27.0
Wichita Falls & Northwestern	5 489	350	215	61.4	1 690	31	6.9	25.5	1.8
Wichita Valley	3 124	199	149	74.9	743	6	8.9	21.0	0.8
TOTAL - SOUTHWESTERN REGION	2 302 314	133 392	90 895	68.1	224 999	11 116	19.8	25.3	4.9

a Not reported.

b Not available

MONTHLY SUMMARY - UNITED STATES

January 1917 to April 1920

Month	Car-miles per day				Tons per car (Revenue and Non-Revenue)				Percentage of unserviceable cars				Per cent loaded to total car-miles			
	1917	1918	1919	1920	1917	1918	1919	1920	1917	1918	1919	1920	1917	1918	1919	1920
January	25.3	18.3	21.4	22.8	26.4	29.6	29.0	28.3	5.6	5.1	6.0	6.6	70.1	70.0	66.2	70.9
February	23.9	22.0	20.3	22.3	26.1	28.4	27.7	28.3	5.5	5.2	5.6	6.5	71.5	70.9	67.5	72.0
March	25.6	24.9	20.4	23.8	26.4	28.1	27.6	28.3	5.4	5.0	5.6	7.0	70.8	71.4	68.1	72.3
April	27.4	25.9	21.0	19.4	25.6	29.4	27.3	28.6	5.8	5.1	6.4	6.5	71.6	68.0	66.1	68.3
May	29.0	26.4	22.8	-	26.7	27.7	27.7	-	5.6	5.4	7.3	-	70.1	66.8	67.4	-
June	28.4	26.8	23.0	-	27.8	28.3	27.5	-	5.6	5.9	8.1	-	68.7	66.8	67.9	-
July	28.3	26.5	24.1	-	27.1	30.1	27.8	-	6.0	6.9	8.7	-	67.9	64.7	65.0	-
August	27.1	26.0	24.2	-	27.9	30.1	28.0	-	6.0	6.6	9.2	-	68.7	67.6	70.4	-
September	26.6	26.8	26.5	-	27.0	29.7	28.3	-	5.8	6.2	8.5	-	70.0	65.9	69.6	-
October	26.3	26.2	27.3	-	27.7	29.7	28.0	-	5.6	6.0	7.4	-	71.5	67.9	68.4	-
November	26.2	24.6	23.3	-	27.2	29.5	26.2	-	5.2	5.6	6.3	-	71.0	67.1	71.3	-
December	21.3	22.8	22.3	-	29.2	29.8	27.7	-	5.2	5.8	6.2	-	70.9	65.9	71.1	-
Total	26.1	24.9	23.1	-	27.0	29.1	27.8	-	5.6	5.7	7.1	-	70.2	67.7	68.7	-

FREIGHT CAR PERFORMANCE

May 1920

Statistics of freight car performance for the month of May, 1920, herein presented, are compiled from the reports of the several railways of Class I to the Interstate Commerce Commission.

Railways of Class I are those with annual operating revenues above \$1,000,000. They operate an aggregate mileage approximating 90 per cent of the total standard gauge steam railway mileage of the United States, and own about 96 per cent of all standard gauge railway-owned freight cars. The operations included in this statement for May cover 230,967 miles of line.

To accord with the territorial grouping of the Interstate Commerce Commission, the former Central District is now entitled "Great Lakes Region", while the former Ohio-Indiana and Allegheny Districts are now combined into the "Ohio-Indiana-Allegheny Region".

Net ton-miles include both revenue and non-revenue freight throughout. Freight car-miles include all mileage made by freight cars in freight, mixed, special, and other trains. Unserviceable freight cars are those in or awaiting shop, including all "bad order" cars.

The significant factors for the month of May were as follows:

Per cent of loaded car-miles.....	71.2
Car-miles per day.....	24.2
Tons per loaded car.....	28.3
Per cent of unserviceable cars.....	6.6

The average daily car-mileage in May was the greatest since the month of October, 1919.

MAY	1920	Net ton-miles (thousands) 1	Freight car-miles (thousands)			Freight cars on line daily		Efficiency ratios		
			Total 2	Loaded 3	Per cent loaded to total 4 = 3 ÷ 2	Total 5	Unservice- able 6	Car-Miles per day 7 = $\frac{2 \div 5}{31}$	Tons per car 8 = 1 ÷ 3	Per cent unservice- able cars 9 = 6 ÷ 5
Road										
NEW ENGLAND REGION		1 066 274	61 013	44 279	72.6	124 846	7 828	15.8	24.2	6.3
GREAT LAKES REGION		6 176 978	303 977	220 266	72.5	467 502	32 574	21.0	28.0	7.0
OHIO-INDIANA-ALLEGHENY REGION		8 960 917	378 906	264 596	69.8	600 624	36 449	20.4	33.9	6.1
POCAHONTAS REGION		2 202 295	85 627	54 971	64.2	75 713	6 002	36.5	40.1	7.9
SOUTHERN REGION		4 929 697	274 470	184 844	71.0	310 439	23 607	28.5	25.3	7.6
NORTHWESTERN REGION		5 172 410	260 993	191 006	73.2	345 748	24 308	24.4	27.1	7.0
CENTRAL WESTERN REGION		6 478 628	353 498	253 101	71.6	358 359	21 686	31.8	25.6	6.1
SOUTHWESTERN REGION		2 897 768	162 524	115 345	71.0	219 486	12 514	23.9	25.1	5.7
GRAND TOTAL - ALL REGIONS		37 884 967	1 881 008	1 338 408	71.2	2 502 717	164 968	24.2	28.3	6.6
NEW ENGLAND REGION										
Atlantic & St. Lawrence		17 820	964	623	64.6	1 314	122	23.7	23.6	9.5
Burger & Aroostook		27 441	1 713	1 251	73.0	3 643	175	15.2	21.9	4.8
Boston & Albany		171 069	9 897	6 932	70.0	9 964	390	32.0	24.7	3.9
Boston & Maine		386 270	21 153	15 956	75.3	11 412	2 303	16.5	24.2	7.0
Canadian Pacific (Lines in Maine)		15 497	872	706	81.0	681	13	41.3	22.0	1.9
Central New England		53 727	2 818	1 748	62.0	3 055	300	29.8	30.7	9.8
Central Vermont		38 354	2 402	1 770	73.7	2 802	254	27.7	21.7	9.1
Maine Central		98 617	5 619	4 066	70.2	10 806	892	17.4	24.1	8.5
New York, New Haven & Hartford		253 940	14 075	10 295	73.1	49 102	2 702	9.2	22.7	5.5
Rutland		23 539	1 302	942	72.4	2 087	77	20.3	25.0	3.7
TOTAL - NEW ENGLAND REGION		1 066 274	61 013	44 279	72.6	124 846	7 828	15.8	24.1	6.3
GREAT LAKES REGION										
Ann Arbor		40 648	1 821	1 623	89.1	2 452	249	24.0	25.0	10.2
Buffalo, Rochester & Pittsburgh		216 751	9 265	5 131	62.1	11 246	730	23.7	42.2	6.5
Chicago, Detroit & Can. Grd. Trk. Jct.		8 053	354	272	76.8	2 209	303	5.2	29.6	13.7
Delaware & Hudson		459 509	17 940	13 048	72.7	20 087	994	28.8	33.7	4.9
Delaware, Lackawanna & Western		379 914	17 726	12 691	71.6	23 391	975	24.4	29.9	4.2
Detroit & Mackinac		7 834	454	324	71.4	964	83	15.2	24.2	8.6
Detroit & Toledo Shore Line										
Detroit, Grand Haven & Milwaukee		22 604	1 330	1 028	77.3	2 761	379	15.5	23.0	13.7
Erie (Incl. Chicago & Erie)		1 018 282	46 544	34 796	74.8	64 744	3 931	23.2	29.3	6.1
Grand Trunk Western		114 261	7 436	5 312	71.4	5 522	759	43.4	21.5	13.7
Lehigh & Hudson River		41 749	1 684	1 260	74.8	1 916	62	28.4	53.1	3.2
Lehigh & New England		28 785	1 094	664	60.7	2 953	153	12.0	43.4	5.2
Lehigh Valley		490 844	21 011	15 175	72.2	40 908	2 204	16.6	32.3	5.4
Michigan Central		350 374	18 832	14 583	77.4	39 688	2 247	15.3	24.0	5.7
Monongahela		12 186	588	328	55.8	899	34	21.1	37.2	2.8
New Jersey & New York		320	20	11	55.0	122	-	5.3	3.0	-
New York Central		1 999 609	111 105	76 241	68.6	156 333	11 025	22.9	26.2	7.1
New York, Chicago & St. Louis		201 465	10 710	8 709	81.3	8 116	508	42.6	23.1	6.3
New York, Ontario & Western		65 605	2 964	1 895	63.9	5 955	948	16.1	34.6	15.9
New York, Susquehanna & Western		11 455	516	337	65.3	2 801	125	5.9	34.0	4.5
Pere Marquette		252 555	11 767	9 601	81.6	21 643	1 327	17.5	26.3	6.1
Pittsburgh & Lake Erie		79 604	2 224	1 787	78.1	24 704	1 995	2.9	45.8	8.1
Pittsburgh & Shawmut		12 841	511	261	51.1	569	18	28.0	49.2	3.1
Pittsburgh & West Virginia		11 502	355	282	79.4	959	111	11.9	40.8	11.6
Pittsburgh, Shawmut & Northern		10 314	472	252	53.4	1 772	1 096	8.6	40.9	61.8
Ulster & Delaware		5 747	258	141	54.7	413	9	20.2	40.8	2.2
Wabash		253 152	17 996	14 564	80.9	24 354	2 309	23.8	24.2	9.5
TOTAL - GREAT LAKES REGION		6 176 978	303 977	220 266	72.5	467 502	32 574	21.0	28.0	7.0
OHIO-INDIANA-ALLEGHENY REGION										
Atlantic City		5 207	244	162	66.4	359	6	21.5	32.1	1.7
Baltimore & Ohio (East and West)		1 955 934	81 075	57 653	71.1	102 242	6 701	25.6	32.9	6.6
Beesemer & Lake Erie		112 601	2 566	2 250	87.7	6 972	472	11.9	50.0	6.8
Buffalo & Susquehanna R. R. Corp.		26 999	1 137	595	52.2	1 325	165	27.7	45.4	12.5
Central of New Jersey		222 526	9 991	6 469	64.7	23 340	1 761	13.8	34.4	7.5
Chicago, Indianapolis & Louisville		101 472	4 659	3 559	76.4	5 973	323	25.2	28.5	5.5
Cincinnati, Indianapolis & Western		24 610	1 123	927	81.8	1 793	279	20.4	26.5	15.6
Cincinnati Northern		31 959	1 474	1 049	71.2	1 392	121	34.2	30.5	8.7
Cleveland, Cinn., Chicago & St. Louis		564 224	28 579	19 891	69.6	35 176	2 601	26.2	28.4	5.7
Detroit, Toledo & Ironton		52 161	1 482	991	66.9	5 760	550	8.3	52.6	9.5
Hocking Valley		136 724	4 806	3 102	64.5	9 464	1 796	16.4	44.1	19.0
Kanawha & Michigan		53 948	2 378	1 389	58.4	2 791	251	27.5	38.8	9.0
Lake Erie & Western		106 691	4 814	4 278	88.9	5 510	373	28.2	24.9	6.9
Long Island		9 566	637	451	64.7	5 165	134	4.4	21.2	2.6
Pennsylvania Lines		4 265 206	183 344	127 288	69.4	317 702	17 649	18.6	33.5	5.6
Perkiomen		7 091	270	244	90.4	186	-	46.8	29.1	-
Philadelphia & Reading		683 018	26 198	18 425	70.3	38 455	1 512	22.0	37.1	3.9
Port Reading		6 321	239	140	58.6	2 036	19	3.8	45.2	0.9
Stater Island Rapid Transit			91	71	78.0	3 203	58	0.9	-	1.8
Toledo & Ohio Central		154 480	6 433	3 552	55.2	8 213	478	25.3	43.5	5.8
Toledo, St. Louis & Western		119 075	6 265	4 681	74.7	3 701	159	54.6	25.4	4.3
Western Maryland		170 882	6 520	4 058	65.9	8 077	459	25.2	42.3	5.7
Wheeling & Lake Erie		150 223	4 711	3 391	72.0	11 750	1 171	12.9	44.3	10.0
TOTAL - OHIO-INDIANA-ALLEGHENY REGION		8 960 917	378 906	264 596	69.8	600 624	36 449	20.4	33.9	6.1
POCAHONTAS REGION										
Chesapeake & Ohio		1 056 957	41 626	26 386	63.4	35 179	3 891	38.2	40.1	11.1
Norfolk & Western		936 076	35 184	23 192	65.9	31 842	1 456	35.5	40.4	4.6
Richmond, Fredericksburg & Potomac		41 565	2 801	2 136	76.0	2 264	266	39.9	19.0	11.7
Virginian		167 677	6 016	3 207	53.3	6 428	389	30.2	52.3	6.1
TOTAL - POCAHONTAS REGION		2 202 295	85 627	54 971	64.2	75 712	6 002	36.5	40.1	7.9

MAY	1920	Net Ton-miles (thousands) 1	Freight car-miles (thousands)			Freight cars on lines daily		Efficiency ratios		
			Total 2	Loaded 3	Per cent loaded to total 4 = 3 ÷ 2	Total 5	Unservice- able 6	Car-miles per day 7 = $\frac{2+5}{31}$	Tons per car 8 = 1 ÷ 3	Per cent of unservice- able cars 9 = 6 ÷ 5
Road										
SOUTHERN REGION										
Alabama & Vicksburg		15 758	1 020	765	74.3	803	46	41.4	20.6	5.7
Alabama Great Southern		82 805	4 317	3 296	76.3	3 718	402	37.5	25.1	10.6
Atlanta & West Point		6 625	476	337	70.8	694	81	22.1	19.7	11.7
Atlanta, Birmingham & Atlantic		58 732	3 037	1 902	62.6	2 955	266	33.2	30.9	9.0
Atlantic Coast Line		367 508	25 479	17 889	70.2	34 068	4 494	24.1	20.5	13.2
Carolina, Clinchfield & Ohio		70 002	3 373	1 960	58.1	4 220	280	25.8	35.7	6.6
Central of Georgia		115 401	6 337	4 887	77.1	8 108	474	25.2	23.6	5.8
Charleston & Western Carolina		23 047	1 051	715	68.0	2 565	164	13.2	32.2	6.4
Cincinnati, New Orleans & Texas Pac.		115 704	6 924	5 517	79.7	8 536	481	26.2	21.0	5.6
Florida East Coast		68 828	5 540	3 564	64.3	4 300	204	41.6	19.3	4.7
Georgia		53 114	1 885	1 431	75.9	2 738	412	22.2	23.1	15.0
Georgia Southern & Florida		26 030	1 709	1 119	65.5	2 028	192	27.2	23.3	9.5
Gulf & Ship Island		7 966	542	371	68.5	1 405	26	12.4	21.5	1.9
Gulf, Mobile & Northern		22 579	1 085	896	82.6	2 571	111	13.6	25.2	4.2
Illinois Central		1 276 479	67 271	46 748	69.5	54 894	3 046	39.5	27.3	5.5
Louisville & Nashville		852 749	43 055	28 698	66.7	43 258	4 573	32.0	29.7	10.5
Louisville, Henderson & St. Louis		23 406	956	715	74.8	558	13	55.3	32.7	2.5
Mississippi Central		2 183	130	88	67.7	599	16	7.0	24.8	2.7
Mobile & Ohio		157 350	7 606	5 764	75.8	9 566	922	25.6	27.3	9.6
Nashville, Chattanooga & St. Louis		134 539	8 021	6 131	76.4	10 051	732	25.7	21.9	7.3
New Orleans & Northeastern		50 121	2 679	1 971	73.6	3 647	516	23.7	25.4	14.1
New Orleans Great Northern		7 703	444	331	74.5	855	10	16.6	23.3	1.2
Norfolk Southern		23 914	1 576	1 225	77.7	3 904	471	13.0	23.6	12.1
Northern Alabama		10 025	428	245	57.2	1 161	-	11.9	40.9	-
Seaboard Air Line		258 872	15 845	11 563	73.0	21 905	1 862	23.3	22.4	8.5
Southern		854 631	50 191	37 161	74.0	66 665	3 009	24.3	23.3	4.5
Southern in Mississippi		6 546	369	253	68.6	392	84	12.0	25.9	8.5
Tennessee Central		12 351	649	474	73.0	1 160	75	18.0	26.1	6.5
Western of Alabama		7 765	534	354	66.3	779	91	22.1	21.9	11.7
Yazoo & Mississippi Valley		221 952	11 931	8 474	71.0	11 636	554	33.1	26.2	4.8
TOTAL - SOUTHERN REGION		4 929 697	274 470	194 844	71.0	310 439	23 607	28.5	25.2	7.6
NORTHWESTERN REGION										
Chicago & Northwestern		974 165	56 823	38 328	67.5	82 049	5 237	22.3	25.4	6.4
Chicago, St. Paul, Minneapolis & Omaha		156 266	8 450	6 882	79.1	12 081	1 039	21.0	23.4	8.6
Chicago Great Western		132 378	7 066	5 598	79.2	10 344	1 216	22.0	23.6	11.8
Chicago, Milwaukee & St. Paul		1 127 685	61 571	45 452	73.8	80 316	6 230	24.7	24.8	7.8
Duluth & Iron Range		101 416	4 099	2 142	52.3	6 542	182	20.2	47.3	2.8
Duluth, Missabe & Northern		162 847	6 343	3 280	51.7	8 627	82	23.7	49.6	1.0
Duluth, South Shore & Atlantic		37 951	1 626	1 336	75.9	2 950	148	20.0	27.4	5.0
Duluth, Winnipeg & Pacific		14 771	827	600	72.6	2 426	255	11.0	24.6	10.6
Elgin, Joliet & Eastern		212 042	7 926	5 705	72.0	15 420	1 346	16.6	37.2	8.7
Great Northern		819 483	27 877	27 728	73.2	45 625	2 465	26.8	29.3	7.6
Lake Superior & Ishpeming		7 000	266	135	50.0	286	11	9.7	52.6	1.2
Mineral Range		2 085	96	52	54.2	969	16	3.2	40.1	1.7
Minneapolis & St. Louis		140 019	6 297	5 112	81.2	9 465	490	21.5	27.4	5.2
Minneapolis, St. Paul & Sault Ste. Marie		306 551	17 025	13 238	73.3	22 557	1 437	24.5	25.0	6.4
Northern Pacific		748 182	34 210	27 230	79.4	33 297	2 858	30.2	27.5	6.6
Oregon-Washington R.R. & Nav. Co.		163 400	7 901	3 446	81.6	9 942	175	25.6	28.5	1.8
Spokane, Portland & Seattle		46 569	2 290	1 792	78.3	2 458	121	30.1	25.8	4.0
TOTAL - NORTHWESTERN REGION		5 172 410	260 993	191 006	73.2	345 746	24 308	24.4	27.1	7.0
CENTRAL WESTERN REGION										
Arizona Eastern		10 549	555	338	60.9	788	11	22.7	31.2	1.4
Atchison, Topeka & Santa Fe		1 060 778	66 979	46 315	69.1	77 179	4 626	28.0	22.9	6.0
Bingham & Garfield		10 160	297	152	51.2	845	36	11.5	66.8	4.2
Chicago & Alton		210 960	11 205	7 434	66.3	14 173	503	25.5	28.4	3.5
Chicago & Eastern Illinois		196 020	9 365	6 285	67.1	19 921	1 722	15.2	31.2	8.6
Chicago, Burlington & Quincy		1 403 217	72 471	51 664	71.3	72 537	5 113	32.2	27.2	7.0
Chicago, Peoria & St. Louis		10 123	557	453	81.3	1 442	54	12.5	22.4	2.7
Chicago, Rock Island & Pac. (Inc. CRI&O)		814 261	48 180	34 222	71.0	54 533	3 188	28.5	23.8	5.8
Chicago, Terre Haute & Southeastern		33 601	1 615	795	49.2	2 964	208	17.6	42.3	7.0
Colorado & Southern		82 183	4 572	2 913	63.7	7 573	609	19.4	28.6	8.0
Denver & Rio Grande		182 113	8 525	6 232	74.9	13 255	831	20.2	29.2	6.3
Denver & Salt Lake		14 292	606	115	68.5	1 460	100	13.4	34.4	6.8
El Paso & Southwestern		93 404	5 725	2 414	59.6	4 543	170	40.7	27.4	2.7
Fort Worth & Denver City		58 967	3 355	2 305	68.7	4 652	379	23.8	25.6	8.1
Los Angeles & Salt Lake		103 953	7 058	4 880	69.1	3 967	179	57.4	21.3	4.5
Nevada Northern		10 304	380	208	54.7	448	16	27.4	49.5	3.6
Northwestern Pacific		11 480	823	554	67.2	1 397	67	19.0	20.7	4.8
Oregon Short Line		294 254	13 120	9 833	74.9	8 926	236	47.4	29.9	2.6
Quincy, Omaha & Kansas City		8 456	445	283	63.6	367	9	39.1	29.9	2.5
Southern Pacific (Pacific System)		892 908	48 624	25 495	73.0	42 583	1 950	36.8	25.2	4.6
St. Joseph & Grand Island		18 118	1 069	776	72.6	703	90	49.1	23.3	12.8
Toledo, Peoria & Western		9 870	454	380	83.7	809	45	18.1	26.0	5.6
Union Pacific		799 136	41 534	35 333	80.2	19 219	1 370	69.7	24.0	7.1
Utah		11 657	462	229	49.6	473	9	31.5	50.9	1.9
Western Pacific		136 854	5 722	4 193	73.3	3 602	165	51.2	52.6	4.6
TOTAL - CENTRAL WESTERN REGION		5 478 628	353 498	253 101	71.6	358 359	21 686	31.8	25.6	6.1

MAX	1920	Net Ton-miles (thousands) 1	Freight car-miles (thousands)			Freight cars on lines daily		Efficiency ratios		
			Total 2	Loaded 3	Per cent loaded to total 4 = 3 ÷ 2	Total 5	Unservice- able 6	Car-miles per day 7 = $\frac{2 \div 5}{51}$	Tons per car 8 = 1 ÷ 3	Per cent of unservice- able cars 9 = 6 ÷ 5
SOUTHWESTERN REGION										
Fort Worth & Rio Grande	3 702	333	231	69.4	996	67	10.8	16.0	6.7	
Gulf Coast Lines	71 768	4 636	2 956	63.2	6 968	365	21.5	24.4	5.2	
Gulf, Colorado & Santa Fe	143 952	7 973	5 806	72.8	13 995	1 012	18.4	24.8	7.2	
International & Great Northern	98 651	6 082	4 098	67.4	5 634	304	34.8	22.9	5.4	
Kansas City, Mexico & Orient	8 015	559	384	68.7	527	264	34.2	20.9	50.1	
Kansas City, Mexico & Orient of Texas	9 701	867	551	63.6	823	154	34.0	17.6	18.7	
Kansas City Southern (Incl. T & F S)	134 575	6 728	5 023	74.7	6 229	189	34.8	26.8	3.0	
Kansas, Oklahoma & Gulf	14 637	774	492	63.6	1 452	238	17.2	30.2	16.4	
Louisiana & Arkansas	16 046	847	563	66.5	1 504	41	18.2	28.5	2.7	
Louisiana Ry. & Navigation Co.	22 623	1 078	690	64.0	1 519	91	22.9	32.8	6.0	
Midland Valley	17 914	1 207	636	52.7	1 807	31	21.5	28.2	1.7	
Missouri & North Arkansas	7 282	360	300	83.2	631	24	18.4	24.2	3.8	
Missouri, Kansas & Texas	203 499	14 293	9 296	65.0	15 440	1 112	29.9	22.4	7.2	
Missouri, Kansas & Texas of Texas	113 943	7 270	4 865	66.9	13 364	692	17.5	23.4	5.2	
Missouri Pacific	812 875	39 942	30 575	76.5	56 073	2 032	23.0	26.6	3.6	
St. Louis - San Francisco	454 168	24 250	16 482	68.0	36 911	1 962	21.2	26.2	5.3	
St. Louis, San Francisco & Texas -	8 332	483	306	62.7	1 217	82	12.9	27.2	6.7	
St. Louis Southwestern	128 632	6 908	5 424	78.5	5 830	310	38.2	23.8	5.3	
St. Louis Southwestern of Texas	45 693	2 677	1 953	73.0	3 474	158	24.9	22.4	4.0	
San Antonio & Aransas Pass	16 195	1 515	937	61.8	1 545	174	31.6	17.3	11.3	
Sunset Lines (Incl. H & TC and HE & WT)	374 834	20 532	14 627	71.2	23 590	1 444	28.1	25.6	6.1	
Texas & Pacific	174 627	10 370	7 603	69.9	15 501	1 417	22.6	23.0	9.1	
Trinity & Brazos Valley	9 679	510	411	80.6	829	205	19.8	23.5	24.7	
Vicksburg, Shreveport & Pacific	18 888	1 111	736	66.2	1 554	148	23.4	25.0	9.6	
Wichita Falls & Northwestern	6 162	486	253	52.1	1 597	13	9.8	24.4	0.8	
Wichita Valley	3 271	228	167	73.2	496	5	14.8	19.6	1.0	
TOTAL - SOUTHWESTERN REGION	2 897 768	162 524	115 345	71.0	219 486	12 514	23.9	25.1	5.7	

a Not reported b Not available

MONTHLY SUMMARY - UNITED STATES

January 1917 to May 1920.

Month	Car-miles per day				Tons per car (Revenue and Non-Revenue)				Percentage of unserviceable cars				Per cent loaded to total car-miles			
	1917	1918	1919	1920	1917	1918	1919	1920	1917	1918	1919	1920	1917	1918	1919	1920
January	25.3	18.3	21.4	22.8	26.4	29.6	29.0	28.3	5.6	5.1	6.0	6.6	70.1	70.0	66.2	70.9
February	25.9	22.0	20.3	22.3	26.1	28.4	27.7	28.3	5.5	5.2	5.6	6.5	71.5	70.9	67.5	72.0
March	25.6	24.9	20.4	23.8	26.4	28.1	27.6	28.2	5.4	5.0	5.6	7.0	70.8	71.4	68.1	72.2
April	27.4	25.9	21.0	19.4	25.6	29.4	27.3	28.6	5.8	5.1	6.4	6.5	71.6	68.0	68.1	68.3
May	29.0	26.4	22.8	24.2	26.7	27.7	27.7	28.3	5.6	5.4	7.2	6.6	70.1	66.8	67.4	71.2
June	26.4	26.8	23.0	-	27.8	23.3	27.5	-	5.6	5.9	8.1	-	68.7	66.8	67.9	-
July	26.3	26.5	24.1	-	27.1	30.1	27.8	-	6.0	6.9	8.7	-	67.9	64.7	65.0	-
August	27.1	26.0	24.2	-	27.9	30.1	28.0	-	6.0	6.6	9.2	-	66.7	67.6	70.4	-
September	26.6	26.8	26.5	-	27.0	29.7	28.3	-	5.8	6.2	8.5	-	70.0	66.9	69.6	-
October	26.3	26.2	27.1	-	27.7	29.7	28.0	-	5.6	6.0	7.4	-	71.5	67.9	65.4	-
November	26.2	24.6	23.3	-	27.2	29.5	26.2	-	5.2	5.6	6.3	-	71.0	67.1	71.3	-
December	21.3	22.5	22.2	-	29.2	29.8	27.7	-	5.2	5.8	6.2	-	70.9	65.9	71.1	-
Total	26.2	24.9	23.1	-	27.0	29.1	27.8	-	5.5	5.7	7.1	-	70.2	67.7	68.7	-

BUREAU OF RAILWAY ECONOMICS

WASHINGTON, D. C.

FREIGHT CAR PERFORMANCE

June 1920

Statistics of freight car performance for the month of June, 1920, herein presented, are compiled from the reports of the several railways of Class I to the Interstate Commerce Commission.

Railways of Class I are those with annual operating revenues above \$1,000,000. They operate an aggregate mileage approximating 90 per cent of the total standard gauge steam railway mileage of the United States, and own about 96 per cent of all standard gauge railway-owned freight cars. The operations included in this statement for June cover 231,078 miles of line.

To accord with the territorial grouping of the Interstate Commerce Commission, the former Central District is now entitled "Great Lakes Region", while the former Ohio-Indiana and Allegheny Districts are now combined into the "Ohio-Indiana-Allegheny Region".

Net ton-miles include both revenue and non-revenue freight throughout. Freight car-miles include all mileage made by freight cars in freight, mixed, special, and other trains. Unserviceable freight cars are those in or awaiting shop, including all "bad order" cars.

The significant factors for the month of June were as follows:

Per cent of loaded car-miles.....	69.5
Car-miles per day.....	25.0
Tons per loaded car.....	29.0
Per cent of unserviceable cars.....	7.0

The average daily car-mileage in June was the greatest since the month of October, 1919. Tons per car were the greatest of any month since January, 1919.

JUNE	1920	Net ton-miles (thousands) 1	Freight car-miles (thousands)			Freight cars on line daily		Efficiency ratios		
			Total 2	Loaded 3	Per cent loaded to total 4 = 3 ÷ 2	Total 5	Unservice- able 6	Car-Miles per day 7 = $\frac{2 \div 5}{30}$	Tons per car 8 = 1 ÷ 3	Per cent of unservice- able cars 9 = 6 ÷ 5
Road										
NEW ENGLAND REGION		1 022 325	59 681	42 653	71.5	114 009	8 449	17.4	24.0	7.4
GREAT LAKES REGION		6 794 897	330 275	235 392	71.3	477 626	37 027	23.0	28.9	7.8
OHIO-INDIANA-ALLEGHENY REGION		9 013 290	375 222	256 816	68.4	633 679	39 545	19.7	35.1	6.2
POCAHONTAS REGION		2 336 457	91 353	57 244	62.7	78 306	7 718	38.9	40.8	9.9
SOUTHERN REGION		4 788 156	265 118	184 779	69.7	292 711	21 874	30.2	25.9	7.5
NORTHWESTERN REGION		4 989 367	254 169	180 558	71.0	345 675	25 056	24.5	27.6	7.2
CENTRAL WESTERN REGION		6 478 126	359 755	250 185	69.5	370 518	24 182	32.4	25.9	6.5
SOUTHWESTERN REGION		2 756 947	158 043	108 702	68.8	216 122	13 583	24.4	25.4	6.3
GRAND TOTAL - ALL REGIONS		38 179 565	1 893 616	1 316 329	69.5	2 528 646	177 434	25.0	29.0	7.0
NEW ENGLAND REGION										
Atlantic & St. Lawrence		17 589	979	595	60.8	1 392	220	23.4	29.6	15.8
Bangor & Aroostook		21 254	1 412	1 042	73.8	3 141	236	15.0	20.4	7.5
Boston & Albany		153 512	8 576	5 899	68.8	9 235	424	31.0	26.0	4.6
Boston & Maine		354 942	20 778	14 956	72.0	36 444	3 122	19.0	23.7	8.6
Canadian Pacific (Lines in Maine)		15 309	885	661	74.7	728	15	40.5	23.2	2.1
Central New England		52 235	2 688	1 720	64.0	4 101	403	21.8	30.4	9.8
Central Vermont		38 024	2 384	1 737	75.0	3 390	190	23.4	21.3	5.6
Maine Central		80 965	5 028	3 610	71.8	9 470	964	17.7	22.4	10.2
New York, New Haven & Hartford		266 766	15 880	11 544	72.7	44 425	2 788	11.9	23.3	6.3
Rutland		19 729	1 071	839	78.3	1 683	87	21.2	22.5	5.2
TOTAL - NEW ENGLAND REGION		1 022 325	59 681	42 653	71.5	114 009	8 449	17.4	24.0	7.4
GREAT LAKES REGION										
Ann Arbor		36 476	1 748	1 453	83.1	2 333	250	25.0	25.1	10.7
Buffalo, Rochester & Pittsburgh		228 735	8 384	5 337	63.7	10 102	894	27.7	42.9	8.8
Chicago, Detroit & Can. Grd. Trk. Jct.		10 562	429	351	81.8	2 883	280	4.6	30.1	9.7
Delaware & Hudson		409 559	17 240	12 026	69.8	18 509	1 051	31.0	34.1	5.7
Delaware, Lackawanna & Western		484 935	23 837	16 842	70.7	24 493	1 242	32.4	28.8	5.1
Detroit & Mackinac		5 266	478	346	72.4	811	68	19.6	23.9	8.4
Detroit & Toledo Shore Line										
Detroit, Grand Haven & Milwaukee		23 592	1 231	962	78.1	3 609	350	11.4	24.5	9.7
Erie (Incl. Chicago & Erie)		1 064 884	51 388	37 264	72.5	66 967	4 694	25.6	28.6	7.0
Grand Trunk Western		129 905	7 343	5 567	75.8	7 220	700	33.9	23.3	9.7
Lehigh & Hudson River		39 883	1 668	1 206	72.3	1 485	56	37.4	33.1	3.8
Lehigh & New England		25 467	1 020	563	55.2	2 955	123	11.5	45.2	4.2
Lehigh Valley		586 804	24 052	17 110	71.1	36 285	2 621	22.1	34.3	7.2
Michigan Central		429 949	22 902	17 701	77.3	38 998	2 638	19.6	24.3	6.8
Monongahela		17 171	738	399	54.1	1 117	34	22.0	43.0	3.0
New Jersey & New York		304	17	9	52.9	115	-	4.9	33.8	-
New York Central		2 072 825	109 962	73 423	66.8	160 941	12 070	22.8	28.2	7.5
New York, Chicago & St. Louis		260 450	14 005	10 960	78.3	9 752	590	47.8	23.8	6.0
New York, Ontario & Western		55 326	2 981	1 920	64.4	5 977	1 023	16.6	34.0	17.1
New York, Susquehanna & Western		11 441	510	342	67.1	2 745	72	6.2	33.5	2.6
Pere Marquette		269 842	12 234	9 896	80.9	24 923	1 553	16.4	27.2	6.2
Pittsburgh & Lake Erie		151 132	4 994	3 642	72.9	23 694	3 143	7.0	41.5	13.3
Pittsburgh & Shawmut		10 947	430	225	52.3	627	21	22.9	48.7	3.3
Pittsburgh & West Virginia		16 809	420	299	71.2	1 152	98	12.4	56.2	8.7
Pittsburgh, Shawmut & Northern		12 029	517	288	55.7	1 814	1 146	9.5	41.8	63.2
Ulster & Delaware		4 812	240	133	55.4	379	14	21.1	36.2	3.7
Wabash		422 792	21 507	17 128	79.6	27 744	2 296	25.8	24.7	8.3
TOTAL - GREAT LAKES REGION		6 794 897	330 275	235 392	71.3	477 626	37 027	23.0	28.9	7.8
OHIO - INDIANA-ALLEGHENY REGION										
Atlantic City		3 500	166	114	68.7	373	5	14.8	30.7	1.3
Baltimore & Ohio (East and West)		1 767 669	72 962	49 374	67.7	111 312	7 241	21.8	35.8	6.5
Beebeemer & Lake Erie		226 928	5 278	4 498	85.2	5 878	338	25.6	50.5	4.9
Buffalo & Susquehanna R. R. Corp.		21 472	870	486	55.9	1 352	157	21.4	44.2	11.6
Central of New Jersey		236 731	10 862	6 830	62.9	24 519	2 175	14.8	34.7	8.9
Chicago, Indianapolis & Louisville		108 339	5 353	3 716	69.4	7 249	412	24.6	29.2	5.7
Cincinnati, Indianapolis & Western		34 805	1 456	1 205	82.8	2 120	272	22.9	28.9	12.8
Cincinnati Northern		27 599	1 316	900	68.4	1 378	92	31.8	30.7	6.7
Cleveland, Cinna., Chicago & St. Louis		600 019	30 330	20 490	67.6	37 028	2 796	27.3	29.3	7.6
Detroit, Toledo & Ironton		45 611	1 667	1 200	72.0	5 097	499	10.9	38.0	9.3
Hocking Valley		170 762	6 134	3 773	61.5	10 788	2 034	19.0	45.3	18.9
Kanawha & Michigan		45 363	1 997	1 131	56.6	2 569	265	25.9	40.1	10.3
Lake Erie & Western		117 114	5 181	4 526	88.5	6 499	370	26.6	25.5	5.7
Long Island		10 075	730	475	55.1	5 319	158	4.6	21.2	3.0
Pennsylvania Lines		4 510 867	188 007	129 397	68.8	334 603	18 162	18.7	34.9	5.4
Perkiomen		4 428	183	161	88.0	136	-	44.9	27.5	-
Philadelphia & Reading		503 196	19 739	13 480	68.3	36 807	1 441	17.9	37.3	3.9
Port Reading		2 920	154	64	41.6	1 632	21	3.1	45.6	1.3
Staten Island Rapid Transit			84	61	72.6	3 956	70	0.7	-	1.8
Toledo & Ohio Central		147 659	6 147	3 367	54.3	9 304	578	22.0	43.9	6.2
Toledo, St. Louis & Western		123 250	6 401	4 622	72.2	4 085	163	52.2	26.7	4.0
Western Maryland		157 193	5 577	3 577	64.1	7 983	567	23.3	43.9	7.1
Wheeling & Lake Erie		147 790	4 628	3 309	71.5	12 692	1 530	12.2	44.7	12.1
TOTAL - OHIO-INDIANA-ALLEGHENY REGION		9 013 290	375 222	256 816	68.4	633 679	39 545	19.7	35.1	6.2
POCAHONTAS REGION										
Ghesapeake & Ohio		1 039 845	41 655	25 481	61.2	36 532	4 173	38.0	40.8	11.4
Norfolk & Western		1 011 994	38 141	25 251	66.2	33 232	2 862	38.3	40.1	8.6
Richmond, Fredericksburg & Potomac		34 485	2 428	1 815	74.8	2 067	261	38.8	19.0	12.5
Virginian		250 133	9 129	4 697	51.5	6 455	422	47.1	53.3	6.5
TOTAL - POCAHONTAS REGION		2 336 457	91 353	57 244	62.7	75 306	7 718	38.9	40.8	9.9

JUNE	1920	Net Ton-miles (thousands) 1	Freight car-miles (thousands)			Freight cars on line daily		Efficiency ratios		
			Total 2	Loaded 3	Per cent loaded to total 4 = 3 ÷ 2	Total 5	Unservice- able 6	Car-miles per day 7 = $\frac{2+5}{30}$	Tons per car 8 = 1 ÷ 3	Per cent of unservice- able cars 9 = 6 ÷ 5
SOUTHERN REGION										
Alabama & Vicksburg		14 419	871	605	69.5	1 135	56	25.6	23.8	4.9
Alabama Great Southern		86 397	4 142	3 306	79.8	3 373	335	40.9	26.1	9.9
Atlanta & West Point		7 058	407	342	84.0	717	69	18.9	20.6	9.6
Atlanta, Birmingham & Atlantic		66 769	3 034	1 992	65.7	2 763	255	36.5	33.5	9.2
Atlantic Coast Line		314 144	22 706	15 218	67.0	30 599	4 008	24.7	20.6	13.1
Carolina, Clinchfield & Ohio		84 172	3 325	2 043	61.4	3 175	347	34.9	41.2	10.9
Central of Georgia		123 070	7 139	5 354	75.0	9 043	361	26.3	23.0	4.0
Charleston & Western Carolina		19 347	923	640	69.3	1 968	168	15.6	30.2	8.5
Cincinnati, New Orleans & Texas Pac.		127 810	7 414	5 744	77.5	8 211	564	30.1	22.3	6.9
Florida East Coast		47 948	3 880	2 481	63.9	2 767	163	46.7	19.3	5.9
Georgia		31 892	2 043	1 377	67.4	2 853	385	23.9	23.2	13.5
Georgia Southern & Florida		26 077	1 538	1 083	70.4	2 407	179	21.3	24.1	7.4
Gulf & Ship Island		7 359	374	269	71.9	1 065	35	11.7	27.4	3.3
Gulf, Mobile & Northern		18 762	947	727	76.8	1 974	99	16.0	25.8	5.0
Illinois Central (Incl. Yazoo & M. V.)	1 480 647	77 870	52 053	66.8	51 420	3 685	42.3	28.4	6.0	
Louisville & Nashville	937 740	42 947	28 556	66.5	41 619	4 274	34.4	29.3	10.3	
Louisville, Henderson & St. Louis		21 955	833	705	84.6	594	11	46.7	31.1	1.9
Mississippi Central		1 763	115	83	72.2	434	23	8.8	21.2	5.3
Mobile & Ohio		148 784	7 022	5 324	75.8	9 600	526	24.4	27.9	5.5
Nashville, Chattanooga & St. Louis		135 200	8 295	5 948	71.7	9 482	758	29.2	22.7	8.1
New Orleans & Northeastern		51 129	2 480	1 965	79.2	3 413	453	24.2	26.0	13.3
New Orleans Great Northern		7 106	427	281	65.9	785	19	18.1	25.3	2.4
Norfolk Southern		25 398	1 521	1 145	75.3	3 710	377	13.7	22.2	10.2
Northern Alabama		10 299	428	258	60.3	937	-	15.2	39.9	-
Seaboard Air Line		241 381	15 249	10 934	71.7	20 392	1 609	24.9	22.1	7.9
Southern		824 798	47 773	35 301	73.9	65 219	2 865	24.4	23.4	4.4
Southern in Mississippi		6 250	368	244	66.3	947	102	13.0	25.6	10.8
Tennessee Central		12 515	513	455	74.2	1 360	68	15.0	27.5	5.0
Western of Alabama		7 966	431	346	80.3	748	70	19.2	23.0	9.4
TOTAL - SOUTHERN REGION		4 788 156	265 118	184 779	69.7	292 711	21 874	30.2	25.9	7.5
NORTHWESTERN REGION										
Chicago & Northwestern		911 271	56 568	37 515	66.3	80 400	6 182	23.5	24.3	7.7
Chicago, St. Paul, Minneapolis & Omaha		158 382	8 325	6 572	78.9	12 528	968	22.2	24.1	7.7
Chicago Great Western		150 214	8 513	5 897	69.3	11 137	1 250	25.5	25.5	11.2
Chicago, Milwaukee & St. Paul	1 049 421	57 034	41 652	73.0	86 648	6 649	21.9	25.2	7.7	
Duluth & Iron Range		123 421	4 966	2 562	51.6	6 693	250	24.7	46.2	3.7
Duluth, Missabe & Northern		239 302	9 259	4 834	52.2	9 193	80	33.6	49.5	0.9
Duluth, South Shore & Atlantic		32 163	1 457	1 057	72.5	2 956	152	16.4	30.4	5.1
Duluth, Winnipeg & Pacific		15 570	790	570	72.2	2 230	263	11.8	27.3	11.8
Elgin, Joliet & Eastern		208 799	7 764	5 388	69.4	13 942	981	18.6	38.9	7.0
Great Northern		824 708	37 174	26 451	71.2	45 693	3 367	27.1	31.2	7.4
Lake Superior & Ishpeming		8 386	327	159	48.5	1 001	15	10.9	52.7	1.5
Mineral Range		2 035	95	54	56.8	960	16	3.3	37.7	1.7
Minneapolis & St. Louis		119 913	5 644	4 336	76.8	8 322	457	22.6	27.7	5.5
Minneapolis, St. Paul & Sault Ste. Marie		293 049	16 610	12 408	74.7	20 397	1 347	27.1	23.6	6.6
Northern Pacific		544 684	30 222	23 632	78.2	31 999	2 779	31.5	27.3	8.7
Oregon-Washington R. R. & Nav. Co.		164 728	7 416	5 804	78.3	9 090	163	27.2	28.4	1.8
Spokane, Portland & Seattle		43 321	2 005	1 667	83.1	2 486	137	26.9	26.0	5.5
TOTAL - NORTHWESTERN REGION		4 989 367	254 169	180 558	71.0	345 675	25 056	24.5	27.6	7.2
CENTRAL WESTERN REGION										
Arizona Eastern		11 359	562	338	60.1	742	15	25.2	33.6	2.0
Atchison, Topeka & Santa Fe	1 066 850	65 819	45 679	69.4	67 003	4 830	32.7	23.4	7.2	
Bingham & Garfield		9 408	280	142	50.7	851	30	11.0	66.3	3.5
Chicago & Alton		228 053	12 432	8 257	66.4	19 690	610	21.0	27.6	3.1
Chicago & Eastern Illinois		235 230	10 789	7 495	69.5	20 157	1 966	17.9	31.4	9.8
Chicago, Burlington & Quincy	1 353 089	69 085	47 799	69.2	76 291	5 885	30.2	28.3	7.7	
Chicago, Peoria & St. Louis		16 770	851	697	80.7	1 589	74	17.9	24.4	4.7
Chicago, Rock Island & Pac. (Inc. CRI&G)		805 821	49 118	35 126	71.5	62 929	3 505	26.0	22.9	5.6
Chicago, Terre Haute & Southeastern		54 994	2 742	1 268	46.2	4 160	275	22.0	43.4	6.6
Colorado & Southern		77 606	3 837	2 498	65.1	7 512	602	17.0	31.1	8.0
Denver & Rio Grande		184 082	8 919	6 383	71.0	13 740	956	21.6	29.1	7.0
Denver & Salt Lake		21 020	789	495	62.7	975	123	27.0	42.5	12.5
El Paso & Southwestern		121 931	7 268	4 894	67.3	4 812	195	50.3	24.9	4.1
Fort Worth & Denver City		49 029	2 789	1 913	68.6	4 002	308	23.2	25.6	7.7
Los Angeles & Salt Lake		89 282	7 148	3 933	55.0	4 583	217	52.0	22.7	4.7
Nevada Northern		10 852	405	218	53.8	486	14	27.8	49.8	2.9
Northwestern Pacific		13 407	987	635	64.4	1 639	77	20.1	21.1	4.7
Oregon Short Line		277 551	12 920	9 141	70.8	9 102	253	47.3	30.4	2.8
Quincy, Omaha & Kansas City		8 859	460	291	63.3	376	2	40.8	30.4	0.5
Southern Pacific (Pacific System)		911 301	51 054	36 556	71.6	44 414	2 221	38.3	24.9	5.0
St. Joseph & Grand Island		15 858	938	712	75.9	574	73	54.5	22.3	12.7
Toledo, Peoria & Western		7 174	403	273	67.7	935	50	14.4	26.3	5.3
Union Pacific		759 695	43 498	31 050	71.4	19 777	1 706	73.3	24.5	8.6
Utah		14 475	544	284	52.2	552	28	32.9	51.0	5.1
Western Pacific		134 430	5 128	4 167	68.0	3 627	167	56.3	32.3	4.6
TOTAL - CENTRAL WESTERN REGION		6 478 126	359 755	250 185	69.5	370 518	24 182	32.4	25.9	6.5

JUNE	1920	Freight car-miles (thousands)			Freight cars on line daily		Efficiency ratios			
Road	Net Ton-miles (thousands)	Total	Loaded	Per cent loaded to total 4= 3 ÷ 2	Total	Unservice- able	Car-miles per day 7 = $\frac{2+5}{30}$	Tons per car 8=1 ÷ 3	Per cent of unservice- able cars 9 = 6 ÷ 5	
	1	2	3		5	6				
SOUTHWESTERN REGION										
Fort Worth & Rio Grande	2 739	288	201	69.8	1 000	80	9.6	13.6	8.0	
Gulf Coast Lines	58 043	3 403	2 165	63.6	5 170	376	21.9	26.8	7.5	
Gulf, Colorado & Santa Fe	116 499	6 868	4 915	71.6	11 522	937	19.9	23.7	8.1	
International & Great Northern	75 096	4 663	3 022	64.8	5 204	278	29.9	24.8	5.3	
Kansas City, Mexico & Orient	10 528	603	438	72.6	1 923	287	10.5	24.0	14.9	
Kansas City, Mexico & Orient of Texas	11 120	795	543	68.3	2 410	287	11.0	20.5	11.9	
Kansas City Southern (Incl.T&SF)	152 179	7 459	5 641	75.6	6 507	344	28.2	27.0	5.3	
Kansas, Oklahoma & Gulf	13 985	772	475	61.5	1 120	243	23.0	29.4	21.7	
Louisiana & Arkansas	17 641	911	604	66.3	1 276	49	23.8	29.2	3.8	
Louisiana Ry. & Nav. Co.	19 194	1 071	771	72.0	1 758	113	20.3	24.9	6.4	
Midland Valley	17 587	1 159	615	53.1	2 504	46	15.4	28.6	1.8	
Missouri & North Arkansas	7 318	387	296	76.5	642	29	20.1	24.7	4.5	
Missouri, Kansas & Texas	201 197	14 848	8 930	60.1	15 823	1 272	31.3	22.5	8.0	
Missouri, Kansas & Texas of Texas	105 805	7 211	4 491	62.5	12 030	460	20.0	23.6	3.8	
Missouri Pacific	768 104	38 455	28 180	73.3	55 740	2 688	23.0	27.3	4.8	
St. Louis - San Francisco	441 463	25 353	17 016	67.1	36 375	2 164	23.2	25.9	5.9	
St. Louis, San Francisco & Texas	6 719	449	269	59.9	563	45	26.6	25.0	8.0	
St. Louis Southwestern	129 467	7 080	5 468	77.2	6 874	375	34.3	23.7	5.5	
St. Louis Southwestern of Texas	38 792	2 581	1 840	71.3	3 993	168	21.5	21.1	4.2	
San Antonio & Aransas Pass	16 529	1 603	1 004	62.6	1 749	172	30.6	16.8	9.8	
Sunset Lines (Incl.H&TC and HE&WT)	352 824	19 719	13 470	68.3	23 613	1 557	27.8	26.2	5.7	
Texas & Pacific	162 322	10 361	7 068	68.2	14 468	1 440	23.9	23.0	10.0	
Trinity & Brazos Valley	8 123	435	327	75.2	771	207	18.8	24.8	26.3	
Vicksburg, Shreveport & Pacific	15 007	1 006	602	59.8	1 316	148	25.5	24.9	11.2	
Wichita Falls & Northwestern	5 097	365	198	54.2	1 236	13	9.8	25.7	1.1	
Wichita Valley	3 269	218	153	70.2	535	5	13.6	21.4	0.9	
TOTAL - SOUTHWESTERN REGION	2 756 947	158 043	108 792	68.8	216 122	13 583	24.4	25.4	6.3	

MONTHLY SUMMARY - UNITED STATES

January 1917 to June 1920.

Month	Car-miles per day				Tons per car (Revenue and Non-Revenue)				Percentages of unserviceable cars				Per cent loaded to total car-miles			
	1917	1918	1919	1920	1917	1918	1919	1920	1917	1918	1919	1920	1917	1918	1919	1920
January	25.3	18.3	21.4	22.8	26.4	29.6	29.0	28.3	5.6	5.1	6.0	6.6	70.1	70.0	66.2	70.9
February	23.9	22.0	20.3	22.3	26.1	28.4	27.7	28.3	5.5	5.2	5.6	6.5	71.5	70.9	67.5	72.0
March	25.6	24.9	20.4	23.8	26.4	28.1	27.6	28.3	5.4	5.0	5.6	7.0	70.8	71.4	68.1	72.3
April	27.4	25.9	21.0	19.4	25.6	29.4	27.3	28.6	5.8	5.1	6.4	6.5	71.6	68.0	68.1	68.3
May	29.0	26.4	22.8	24.2	26.7	27.7	27.7	28.3	5.6	5.4	7.3	6.6	70.1	66.8	67.4	71.2
June	28.4	26.8	23.0	25.0	27.8	28.3	27.5	29.0	5.6	5.9	8.1	7.0	68.7	66.8	67.9	69.5
July	28.3	26.5	24.1	-	27.1	30.1	27.8	-	6.0	6.9	8.7	-	67.9	64.7	68.0	-
August	27.1	26.0	24.2	-	27.9	30.1	28.0	-	6.0	6.6	9.2	-	68.7	67.6	70.4	-
September	26.6	26.8	26.5	-	27.0	29.7	28.3	-	5.8	6.2	8.5	-	70.0	66.9	69.6	-
October	26.3	26.2	27.3	-	27.7	29.7	28.0	-	5.5	6.0	7.4	-	71.5	67.9	68.4	-
November	26.2	24.6	23.3	-	27.2	29.5	26.2	-	5.2	5.6	6.3	-	71.0	67.1	71.3	-
December	21.3	22.8	22.2	-	29.2	29.8	27.7	-	5.2	5.6	6.2	-	70.9	65.9	71.1	-
Total	26.1	24.9	23.1	-	27.0	29.1	27.8	-	5.6	5.7	7.1	-	70.2	67.7	68.7	-

FREIGHT CAR PERFORMANCE

July 1920

Statistics of freight car performance for the month of July, 1920, herein presented, are compiled from the reports of the several railways of Class I to the Interstate Commerce Commission.

Railways of Class I are those with annual operating revenues above \$1,000,000. They operate an aggregate mileage approximating 90 per cent of the total standard gauge steam railway mileage of the United States, and own about 96 per cent of all standard gauge railway-owned freight cars. The operations included in this statement for July cover 231,513 miles of line.

Net ton-miles include both revenue and non-revenue freight throughout. Freight car-miles include all mileage made by freight cars in freight, mixed, special, and other trains. Unserviceable freight cars are those in or awaiting shop, including all "bad order" cars.

The significant factors for the month of July were as follows:

Per cent of loaded car-miles.....	67.8
Car-miles per day.....	26.1
Tons per loaded car.....	29.6
Per cent of unserviceable cars.....	7.2

The average daily car-mileage in July was the greatest since the month of October, 1919. Tons per car were the greatest of any month since December, 1918.

JULY	1920	Frt. car-miles (thousands)			Freight cars on line daily		Efficiency Ratios		
Road	Net ton-miles (thousands)	Total	Loaded	Per cent loaded to total 4= 3 ÷ 2	Total	Unserviceable	Car-Miles per day 7 = $\frac{2+5}{31}$	Tons per car 8=1 + 3	Per cent of unserviceable cars 9 = 6 + 5
	1	2	3		5	6			
NEW ENGLAND REGION									
Atlantic & St. Lawrence	11 887	730	476	65.2	1 286	168	18.3	25.0	13.1
Bangor & Aroostook	16 435	1 240	881	71.0	2 484	292	16.1	18.7	11.8
Boston & Albany	169 014	9 067	6 046	66.7	9 100	389	32.1	28.0	4.3
Boston & Maine	372 388	20 995	14 956	71.2	35 163	3 191	19.3	24.9	9.1
Canadian Pac. (Lines in Me.)	15 557	809	655	81.0	511	5	51.1	23.8	1.0
Central New England	59 686	2 750	1 733	63.0	3 598	434	24.7	34.4	12.1
Central Vermont	38 640	2 262	1 783	78.1	2 952	163	24.9	21.7	5.5
Maine Central	85 845	5 337	3 628	68.0	9 698	947	17.8	23.7	9.8
New York, New Hav. & Hartford	295 591	16 943	12 035	71.0	43 154	3 250	12.7	24.6	7.5
Rutland	22 673	1 125	911	81.0	2 064	74	17.6	24.9	3.6
TOTAL - NEW ENGLAND REGION	1 037 716	61 278	43 104	70.3	110 010	8 913	18.0	25.2	8.1
GREAT LAKES REGION									
Ann Arbor	39 152	1 947	1 536	78.9	2 763	236	22.7	25.5	8.5
Buff., Roch. & Pittsburgh	264 297	9 494	6 138	64.7	11 620	830	26.4	43.1	7.1
Chgo., Det. & Can. Grd. Trk. Jct.	12 990	517	415	80.3	2 721	296	6.1	31.3	10.9
Delaware & Hudson	422 526	17 822	11 757	66.0	19 532	1 084	29.4	35.9	5.5
Del., Lack. & Western	520 471	24 974	17 372	69.6	25 098	1 411	32.1	30.0	5.6
Detroit & Mackinac	9 792	514	368	71.6	941	124	17.6	26.6	13.2
Det. & Toledo Shore Line	18 452	803	507	63.1	1 390	107	18.6	36.4	7.7
Det., Grand Hav. & Milwaukee	24 381	1 182	915	77.4	3 401	370	11.2	26.6	10.9
Erie (Incl. Chgo. & Erie)	1 145 516	55 745	37 936	68.1	66 983	4 887	26.8	30.2	7.3
Grand Trunk Western	132 743	7 339	5 526	75.3	6 802	739	34.8	24.0	10.9
Lehigh & Hudson River	42 439	1 655	1 091	65.9	1 529	66	34.9	38.9	4.3
Lehigh & New England	28 809	1 128	569	50.4	2 923	188	12.4	50.6	6.4
Lehigh Valley	670 113	28 589	20 086	70.3	36 700	2 666	25.1	33.4	7.3
Michigan Central	482 008	26 341	18 962	72.0	38 096	2 992	22.3	25.4	7.9
Monongahela	24 666	966	511	52.9	1 251	26	24.9	48.3	2.1
New Jersey & New York	255	19	11	57.9	115	-	5.3	23.2	-
New York Central	2 407 805	121 734	79 724	65.5	157 059	12 251	25.0	30.2	7.8
New York, Chgo. & St. Louis	289 141	15 787	12 027	76.2	10 843	713	47.0	24.0	6.6
New York, Ont. & Western	62 391	2 890	1 855	64.2	5 665	1 015	16.5	33.6	17.9
New York, Susque. & Western	14 126	625	412	65.9	2 590	95	7.8	34.3	3.7
Pere Marquette	259 544	11 926	9 369	78.6	23 509	1 540	16.4	27.7	6.6
Pittsburgh & Lake Erie	197 885	6 276	4 485	71.5	30 434	3 370	6.7	44.1	11.1
Pittsburg & Shawmut	13 151	527	277	52.6	813	16	20.9	47.5	2.0
Pittsburgh & West Virginia	13 733	466	316	67.8	952	96	15.8	43.5	10.1
Pitts., Shawmut & Northern	14 499	731	365	49.9	1 984	1 182	11.9	39.7	59.6
Ulster & Delaware	4 867	237	140	59.1	384	11	19.9	34.8	2.9
Wabash	465 048	23 742	18 077	76.1	28 788	2 351	26.6	25.7	8.2
TOTAL - GREAT LAKES REGION	7 580 800	363 976	250 747	68.9	484 886	38 662	24.2	30.2	8.0
OHIO-INDIANA-ALLEGHENY REGION									
Atlantic City	3 329	172	116	67.4	317	2	17.5	28.7	0.6
Baltimore & Ohio (East & West)	2 000 152	84 705	56 244	66.4	107 455	7 586	25.4	35.6	7.1
Bessemer & Lake Erie	228 007	5 598	4 567	81.6	7 456	494	24.2	49.9	6.6
Buffalo & Susquehanna RR Corp.	27 489	1 130	603	53.4	1 374	177	26.5	45.6	12.9
Central of New Jersey	259 093	11 708	7 479	63.9	24 853	2 430	15.2	34.6	9.8
Chicago, Indianapolis & Louis.	110 234	5 190	3 625	69.8	6 583	472	25.4	30.4	7.2
Cincinnati, Indian. & Western	38 409	1 627	1 339	82.3	2 571	270	20.4	28.7	10.5
Cincinnati Northern	40 368	1 724	1 201	69.7	1 473	94	37.8	33.6	6.4
Cleve., Cinn., Chgo. & St. Louis	594 843	31 801	20 680	65.0	36 133	2 877	28.4	28.8	8.0
Detroit, Toledo & Ironton	47 992	1 649	1 105	67.0	2 868	540	18.5	43.4	18.8
Hocking Valley	200 521	7 088	4 309	60.8	11 907	2 142	19.2	46.5	18.0
Kanawha & Michigan	51 539	2 270	1 267	55.8	3 208	298	22.8	40.7	9.3
Lake Erie & Western	125 076	5 679	4 911	86.5	7 338	460	25.0	25.5	6.3
Long Island	10 200	802	512	63.8	5 976	219	4.3	19.9	3.7
Pennsylvania Lines	4 827 200	206 497	139 596	67.6	339 872	18 586	19.6	34.6	5.5
Perkiomen	5 410	228	192	84.2	202	-	36.4	28.2	-
Philadelphia & Reading	590 084	21 490	15 133	70.4	39 250	1 319	17.7	39.0	3.4
Port Reading	4 575	161	98	60.9	1 426	3	3.6	46.7	0.2
Staten Island Rapid Transit	-	87	66	75.9	2 332	76	1.2	-	3.3
Toledo & Ohio Central	166 608	6 993	3 730	53.3	10 746	682	21.0	44.7	6.3
Toledo, St. Louis & Western	134 903	6 850	4 907	71.6	3 973	173	55.6	27.5	4.4
Western Maryland	227 739	8 091	5 030	62.2	9 035	625	28.9	45.3	6.9
Wheeling & Lake Erie	165 349	5 056	3 763	74.4	13 674	2 064	11.9	43.9	15.1
TOTAL - OHIO-INDIANA-ALLEGH. REG.	9 859 120	416 596	280 473	67.3	640 022	41 589	21.0	35.2	6.5
POCAHONTAS REGION									
Chesapeake & Ohio	1 095 622	43 221	26 173	60.6	37 437	3 718	37.2	41.9	9.9
Norfolk & Western	1 086 858	41 200	25 894	62.8	34 858	2 153	38.1	42.0	6.2
Rich., Fredericksburg & Potomac	34 918	2 507	1 845	73.6	1 677	276	48.2	18.9	16.5
Virginian	291 390	10 268	5 276	51.4	6 602	351	50.2	55.2	5.3
TOTAL - POCAHONTAS REGION	2 508 788	97 196	59 188	60.9	80 574	6 498	38.9	42.4	8.1

JULY 1920	Net ton-miles (thousands)	Frt. car-miles (thousands)			Freight cars on line daily		Efficiency Ratios		
Road	1	Total 2	Loaded 3	Per cent loaded to Total 4= 3 ÷ 2	Total 5	Unser- viceable 6	Car-Miles per day 7 = $\frac{2+5}{31}$	Tons Per car 8=1 ÷ 3	Per cent of unservice- able cars 9 = 6 ÷ 5
SOUTHERN REGION									
Alabama & Vicksburg	15 087	943	639	67.8	1 023	127	29.7	23.5	12.4
Alabama Great Southern	77 079	3 779	2 978	78.8	3 306	270	36.9	25.9	8.2
Atlanta & West Point	7 803	439	371	84.5	592	74	23.9	21.0	12.5
Atlanta, Birmingham & Atlantic	56 454	3 417	1 972	57.7	2 469	206	44.6	28.6	8.3
Atlantic Coast Line	294 663	20 869	14 071	67.4	26 849	3 480	25.1	20.9	13.0
Carolina, Clinchfield & Ohio	81 246	3 608	1 900	52.7	4 382	373	26.6	42.8	8.5
Central of Georgia	124 684	8 238	5 861	71.1	8 148	362	32.6	21.3	4.4
Charleston & Western Carolina	17 911	887	589	66.4	1 577	99	18.1	30.4	6.3
Cinn., New Orleans & Tex. Pac.	131 313	7 780	5 865	75.4	8 589	535	29.2	22.4	6.2
Florida East Coast	42 827	3 504	2 113	60.3	2 700	140	41.9	20.3	5.2
Georgia	32 321	1 902	1 461	76.8	2 407	501	25.5	22.1	20.8
Georgia Southern & Florida	25 600	1 771	1 146	64.7	2 406	177	23.7	22.3	7.4
Gulf & Ship Island	7 462	443	327	73.8	1 037	26	13.8	22.8	2.5
Gulf, Mobile & Northern	13 935	791	616	77.9	1 236	97	20.6	22.6	7.8
Illinois Central (Incl. Y&MV)	1 469 003	79 560	51 087	64.2	58 056	2 940	44.2	28.8	5.1
Louisville & Nashville	847 005	44 790	29 457	65.8	42 303	3 907	34.2	28.8	9.2
Louisville, Henderson & St. Louis	23 730	929	772	83.1	501	13	59.8	30.7	2.6
Mississippi Central	1 697	139	97	69.8	426	29	10.5	17.5	6.8
Mobile & Ohio	146 476	7 344	5 176	70.5	9 197	1 129	25.8	28.3	12.3
Nashville, Chattanooga & St. L.	131 549	7 528	5 821	77.3	8 151	553	29.8	22.6	6.8
New Orleans & Northeastern	45 790	2 218	1 767	79.7	3 315	301	21.6	25.9	9.1
New Orleans Great Northern	7 364	466	303	65.0	835	2	18.0	24.3	0.2
Norfolk Southern	22 504	1 321	990	74.9	3 033	355	14.0	22.7	11.7
Northern Alabama	8 731	372	221	59.4	814	-	14.7	39.5	-
Seaboard Air Line	238 849	13 955	10 141	72.7	19 290	1 685	23.3	23.6	8.7
Southern	807 930	48 968	35 250	72.0	63 731	2 322	24.8	22.9	3.6
Southern in Mississippi	4 491	271	184	67.9	720	59	12.1	24.4	8.2
Tennessee Central	11 290	569	410	72.1	1 258	58	14.6	27.5	4.6
Western of Alabama	9 132	524	402	76.7	723	91	23.4	22.7	12.6
TOTAL - SOUTHERN REGION	4 703 926	267 325	181 987	68.1	279 074	19 911	30.9	23.8	7.1
NORTHWESTERN REGION									
Chicago & Northwestern	1 078 863	59 491	39 459	66.3	84 120	5 930	22.8	27.3	7.1
Chicago, St. Paul, Minn. & Omaha	157 557	9 323	6 643	71.3	13 422	1 192	22.4	23.7	8.9
Chicago Great Western	169 149	9 725	6 535	67.2	11 846	1 168	26.5	25.9	9.9
Chicago, Milwaukee & St. Paul	1 090 854	65 624	43 307	66.0	70 693	6 260	29.9	25.2	8.9
Duluth & Iron Range	131 697	5 172	2 733	52.8	6 634	164	25.1	48.2	2.5
Duluth, Missabe & Northern	259 786	9 682	5 342	55.2	9 158	85	34.1	48.6	0.9
Duluth, South Shore & Atlantic	31 944	1 864	1 269	68.1	3 150	189	19.1	25.2	6.0
Duluth, Winnipeg & Pacific	15 175	837	569	68.0	2 108	199	12.8	26.7	9.4
Elgin, Joliet & Eastern	205 907	7 321	5 316	72.6	16 669	1 221	14.2	38.7	7.3
Great Northern	835 598	40 703	26 810	65.9	46 322	3 889	28.3	31.2	8.4
Lake Superior & Ishpeming	9 052	348	177	50.9	995	22	11.3	51.1	2.2
Mineral Range	2 216	103	58	56.3	840	13	4.0	38.2	1.5
Minneapolis & St. Louis	116 944	6 088	4 238	69.6	8 323	530	23.6	27.6	6.4
Minn., St. Paul & S. S. Marie	290 038	17 580	12 726	72.4	20 023	1 711	28.3	22.8	8.4
Northern Pacific	654 520	34 699	24 288	70.0	33 781	3 115	33.1	26.9	9.2
Oregon-Washington R.R. & Nav. Co.	176 165	8 359	6 192	74.1	7 552	170	35.7	28.5	2.3
Spokane, Portland & Seattle	41 765	2 039	1 657	81.3	2 320	99	28.4	25.2	4.3
TOTAL - NORTHWESTERN REGION	5 267 230	278 958	187 319	67.1	337 956	25 957	26.6	28.1	7.7
CENTRAL WESTERN REGION									
Arizona Eastern	11 456	536	332	61.9	875	15	19.8	34.5	1.7
Atchison, Topeka & Santa Fe	1 120 213	71 721	49 045	68.4	62 456	5 194	37.0	22.8	8.3
Bingham & Garfield	9 822	291	148	50.9	879	34	10.7	66.4	3.9
Chicago & Alton	198 346	11 176	7 377	66.0	17 420	622	20.7	26.9	3.6
Chicago & Eastern Illinois	246 110	11 879	7 717	65.0	23 845	1 988	16.1	31.9	8.3
Chicago, Burlington & Quincy	1 327 848	70 255	46 322	65.9	70 832	5 355	32.0	28.7	7.6
Chicago, Peoria & St. Louis	20 681	955	750	78.5	1 685	77	18.3	27.6	4.6
Chicago, R.I. & Pac. (Incl. CRI&O)	813 430	46 964	33 718	71.8	57 725	4 437	26.2	24.1	7.7
Chicago, Terre Haute & S.E.	52 825	2 533	1 206	47.6	4 423	302	18.5	43.6	6.8
Colorado & Southern	78 621	3 647	2 370	65.0	6 865	499	17.1	33.2	7.3
Denver & Rio Grande	190 943	8 938	6 389	71.5	13 835	927	20.8	29.9	6.7
Denver & Salt Lake	18 445	871	495	56.8	1 027	157	27.4	37.3	15.3
El Paso & Southwestern	99 034	5 759	3 648	63.3	4 137	247	44.9	27.1	6.0
Fort Worth & Denver City	53 891	2 668	1 974	74.0	3 485	321	24.7	27.3	9.2
Los Angeles & Salt Lake	90 646	5 675	3 816	67.2	3 840	242	47.7	23.8	6.3
Nevada Northern	9 579	357	191	53.5	453	16	25.4	50.2	3.5
Northwestern Pacific	14 763	1 062	705	66.4	1 885	65	18.2	20.9	3.4
Oregon Short Line	287 139	14 181	9 640	68.0	8 703	290	52.6	29.8	3.3
Quincy, Omaha & Kansas City	7 723	390	260	66.7	356	8	35.3	29.7	2.2
Southern Pacific (Pacific Sys.)	918 123	52 784	36 632	69.4	47 015	2 272	36.2	25.1	4.3
St. Joseph & Grand Island	16 763	1 042	714	68.5	763	66	44.1	23.5	8.7
Toledo, Peoria & Western	8 066	421	298	70.8	892	47	15.2	27.1	5.3
Union Pacific	815 505	50 549	34 145	67.5	19 950	1 414	81.7	23.9	7.1
Utah	14 214	550	277	50.4	616	23	28.8	51.3	3.7
Western Pacific	139 610	7 036	4 507	64.1	3 709	150	61.2	31.0	4.0
TOTAL - CENTRAL WESTERN REGION	6 563 796	372 240	252 676	67.9	357 671	24 768	33.6	26.0	6.9

JULY	1920	Net ton-miles (thousands)	Frt. car-miles (thousands)			Freight cars on line daily		Efficiency Ratios		
Road	Total		Loaded	Per cent loaded to total 4= 3 ÷ 2	Total	Unser- viceable	Car-miles per day	Tons per car	Per cent of unservice- able cars 9 = 6 ÷ 5	
	1		2	3	5	6	7 = $\frac{2 \div 5}{31}$	8=1 ÷ 3		
SOUTHWESTERN REGION										
Fort Worth & Rio Grande	3 203	301	207	68.8	822	52	11.8	15.5	6.3	
Gulf Coast Lines	55 476	3 106	2 129	68.5	4 037	418	24.8	26.1	10.4	
Gulf, Colorado & Santa Fe	147 248	7 826	5 591	71.4	10 464	791	24.1	26.3	7.6	
International & Great Northern	96 466	5 103	3 656	71.6	5 498	338	29.9	26.4	6.1	
Kansas City, Mexico & Orient	10 426	599	473	79.0	792	162	24.4	22.0	20.5	
Kansas City, Mex. & Orient of Tex.	12 696	801	642	80.1	1 050	140	24.6	19.8	13.3	
Kansas City Sou. (Incl. T&FS)	151 173	7 338	5 591	76.2	6 023	342	39.3	27.0	5.7	
Kansas, Oklahoma & Gulf	15 699	874	531	60.8	1 437	211	19.6	29.6	14.7	
Louisiana & Arkansas	18 894	1 012	656	64.8	1 300	50	25.1	28.8	3.8	
Louisiana Ry. & Nav. Co.	19 988	1 104	739	66.9	1 898	139	18.8	27.0	7.3	
Midland Valley	19 224	1 133	657	58.0	1 821	49	20.1	29.3	2.7	
Missouri & North Arkansas	7 100	356	270	75.8	510	72	22.5	26.3	14.1	
Missouri, Kansas & Texas	211 890	15 304	9 251	60.4	16 068	1 154	30.7	22.9	7.2	
Missouri, Kansas & Texas of Tex.	120 011	7 522	4 864	64.7	12 303	418	19.7	24.7	3.4	
Missouri Pacific	762 421	38 780	28 514	73.5	52 765	2 688	23.7	26.7	5.1	
St. Louis - San Francisco	429 007	24 539	16 202	66.0	36 200	2 107	21.9	26.5	5.8	
St. Louis, San Francisco & Texas	8 370	449	315	70.2	463	30	31.3	26.6	6.5	
St. Louis Southwestern	138 433	8 077	5 837	72.3	7 399	300	35.2	23.7	4.1	
St. Louis Southwestern of Tex.	39 414	2 639	1 828	69.3	2 915	188	29.2	21.6	6.4	
San Antonio & Aransas Pass	18 560	1 268	836	65.9	1 411	133	29.0	22.2	9.4	
Sunset Lines (Incl. HATC & HE&WT)	363 699	19 078	13 932	73.0	22 136	1 377	27.8	26.1	6.2	
Texas & Pacific	177 243	10 873	7 571	69.6	11 611	1 436	30.2	23.4	12.4	
Trinity & Brazos Valley	13 615	523	430	82.2	679	193	24.8	31.7	28.4	
Vicksburg, Shreveport & Pacific	14 606	954	602	63.1	1 157	76	26.6	24.3	6.6	
Wichita Falls & Northwestern	6 012	345	219	63.5	1 169	10	9.5	27.5	0.9	
Wichita Valley	3 258	187	138	73.8	528	4	11.4	23.6	0.8	
TOTAL - SOUTHWESTERN REGION	2 864 132	160 091	111 681	69.8	202 456	12 878	25.5	25.6	6.4	

a Data not available.

MONTHLY SUMMARY - UNITED STATES

January 1917 to July 1920.

Month	Car-miles per day				Tons per car (Revenue and Non-Revenue)				Percentage of unserviceable cars				Per cent loaded to total car-miles			
	1917	1918	1919	1920	1917	1918	1919	1920	1917	1918	1919	1920	1917	1918	1919	1920
January	25.3	18.3	21.4	22.8	26.4	29.6	29.0	28.3	5.6	5.1	6.0	6.6	70.1	70.0	66.2	70.9
February	23.9	22.0	20.3	22.3	26.1	28.4	27.7	28.3	5.5	5.2	5.6	6.5	71.5	70.9	67.5	72.0
March	25.6	24.9	20.4	23.3	26.4	28.1	27.3	28.3	5.4	5.0	5.6	7.0	70.8	71.4	68.1	72.3
April	27.4	25.9	21.0	19.4	25.6	29.4	27.3	28.3	5.8	5.1	6.4	6.5	71.6	68.0	68.1	68.3
May	29.0	26.4	22.8	24.2	26.7	27.7	27.7	28.3	5.6	5.4	7.3	6.6	70.1	66.8	67.4	71.2
June	28.4	26.8	23.0	25.0	27.8	28.3	27.5	29.0	5.6	5.9	8.1	7.0	68.7	66.8	67.9	69.5
July	28.3	26.5	24.1	26.1	27.1	30.1	27.8	29.6	6.0	6.9	8.7	7.2	67.9	64.7	68.0	67.8
August	27.1	26.0	24.2	-	27.9	30.1	28.0	-	6.0	6.6	9.2	-	68.7	67.6	70.4	-
September	26.6	26.8	26.5	-	27.0	29.7	28.3	-	5.8	6.2	8.5	-	70.0	66.9	69.5	-
October	26.3	26.2	27.3	-	27.7	29.7	28.0	-	5.6	6.0	7.4	-	71.5	67.9	68.4	-
November	26.2	24.6	23.3	-	27.2	29.5	26.2	-	5.2	5.6	6.3	-	71.0	67.1	71.3	-
December	21.3	22.8	22.3	-	29.2	29.8	27.7	-	5.2	5.8	6.2	-	70.9	65.9	71.1	-
Total	26.1	24.9	23.1	-	27.0	29.1	27.3	-	5.6	5.7	7.1	-	70.2	67.7	68.7	-

BUREAU OF RAILWAY ECONOMICS
WASHINGTON, D. C.

FREIGHT CAR PERFORMANCE

August 1920

The accompanying statistics of freight car performance for the month of August, 1920, are compiled from the reports of railways of Class I to the Interstate Commerce Commission.

Railways of Class I are those with annual operating revenues above \$1,000,000. Their operated mileage approximates 90 per cent of the total standard gauge steam railway mileage of the United States, and their owned freight cars 96 per cent of all standard gauge railway-owned freight cars. The operations included in this statement for August cover 231,587 miles of line.

Net ton-miles include revenue and non-revenue freight throughout. Freight car-miles include all mileage made by freight cars in freight, mixed, special, and other trains. Unserviceable freight cars are those in or awaiting shop, including all "bad order" cars.

The significant factors for the month of August all showed improvement over the corresponding factors for July. They were as follows:

Per cent of loaded car-miles.....	68.2
Car-miles per day.....	27.4
Tons per loaded car.....	29.8
Per cent of unserviceable cars.....	7.1

The daily car-mileage in August was the greatest since the month of May, 1917. Tons per car were the greatest of any month since December, 1918.

AUGUST	1920	Frt. car-miles (thousands)			Freight cars on line daily		Efficiency Ratio		
Road	Net ton-miles (thousands)	Total	Loaded	Per cent loaded to total 4 = 3 ÷ 2	Total	Unserviceable	Car-miles per day 7 = $\frac{2 \div 5}{31}$	Tons per car 8 = 1 ÷ 3	Per cent of unserviceable cars 9 = 6 ÷ 5
	1	2	3		5	6			
NEW ENGLAND REGION	1 107 355	60 612	43 658	72.0	106 060	9 186	18.4	25.4	8.7
GREAT LAKES REGION	7 949 392	381 875	266 318	69.7	491 047	38 942	25.1	29.8	7.9
OHIO-INDIANA-ALLEGHENY REG.	10 352 575	436 023	286 347	65.7	629 069	37 269	22.4	36.2	5.9
POCAHONTAS REGION	2 631 863	99 778	61 810	61.9	85 339	7 102	37.7	42.6	8.3
SOUTHERN REGION	5 025 076	256 519	182 103	71.0	272 587	19 651	30.4	27.6	7.2
NORTHWESTERN REGION	5 495 176	307 841	200 709	65.2	346 444	27 631	28.7	27.4	8.0
CENTRAL WESTERN REGION	7 072 486	395 358	274 264	69.4	339 869	24 652	37.5	25.8	7.3
SOUTHWESTERN REGION	3 072 912	163 097	116 728	71.6	204 847	12 433	25.7	26.3	6.0
GRAND TOTAL - ALL REGIONS	42 706 835	2 101 103	1431 927	68.2	2 475 262	176 866	27.4	29.8	7.1
NEW ENGLAND REGION									
Atlantic & St. Lawrence	13 382	739	518	70.1	1 391	193	17.1	25.8	13.9
Bangor & Aroostook	18 881	1 418	963	67.9	2 534	269	18.1	19.6	10.6
Boston & Albany	164 769	8 896	5 124	68.8	8 634	339	33.2	26.9	2.9
Boston & Maine	379 156	20 641	14 819	71.8	34 074	3 150	19.5	25.6	9.2
Canadian Pac. (Lines in Me.)	17 523	784	694	88.5	645	10	39.2	25.2	1.6
Central New England	57 552	2 800	1 728	61.7	2 578	516	35.0	33.3	20.0
Central Vermont	39 350	2 213	1 775	80.2	2 787	126	25.6	22.2	4.5
Maine Central	80 412	4 803	3 527	73.4	8 644	791	17.9	22.8	9.2
New York, New Hav. & Hartford	308 213	16 883	12 422	73.6	42 720	3 710	12.7	24.8	8.7
Rutland	28 117	1 435	1 088	75.8	2 053	82	22.5	25.8	4.0
TOTAL - NEW ENGLAND REGION	1 107 355	60 612	43 658	72.0	106 060	9 186	18.4	25.4	8.7
GREAT LAKES REGION									
Ann Arbor	44 729	2 018	1 674	83.0	3 147	241	20.7	26.7	7.7
Buffalo, Rochester & Pitts.	257 706	10 065	6 161	61.2	10 772	917	30.1	41.8	8.5
Chgo., Det. & Can. Crd. Trk. Jct.	12 999	479	405	84.6	2 510	306	6.2	32.1	12.2
Delaware & Hudson	456 243	18 645	12 389	66.4	21 393	1 112	28.1	36.8	5.2
Delaware, Lacka. & Western	547 591	26 269	18 511	70.5	25 293	1 387	33.5	29.6	5.5
Detroit & Mackinac	9 760	603	400	66.3	1 065	110	18.3	24.4	10.3
Det. & Toledo Shore Line	16 083	757	463	61.2	1 149	100	21.3	34.7	8.7
Det., Grand Hav. & Milwaukee	27 373	1 458	1 129	77.4	3 138	382	15.0	24.2	12.2
Erie (Incl. Chgo. & Erie)	1 126 003	55 424	38 707	69.8	66 745	4 570	26.8	29.1	6.8
Grand Trunk Western	125 736	7 849	5 345	68.1	6 274	763	40.4	23.5	12.2
Lehigh & Hudson River	42 327	1 844	1 111	60.2	1 102	76	54.0	38.1	6.9
Lehigh & New England	23 268	865	470	54.3	2 710	141	10.3	49.5	5.2
Lehigh Valley	705 534	30 573	21 447	70.2	37 838	3 127	26.1	32.9	8.3
Michigan Central	522 115	28 098	20 494	72.9	38 348	2 901	23.6	25.5	7.6
Monongahela	32 731	1 158	623	53.8	1 575	39	23.7	52.5	2.3
New Jersey & New York	266	18	12	66.7	77	-	7.5	22.2	-
New York Central	2 498 774	126 477	84 040	66.4	161 439	11 826	25.3	29.7	7.3
New York, Chgo. & St. Louis	335 864	17 458	13 564	77.7	12 287	868	45.8	24.8	7.1
New York, Ontario & Western	68 486	2 916	1 909	65.5	5 270	1 005	17.0	35.9	19.1
New York, Susque. & Western	12 303	543	367	67.6	2 394	85	7.3	33.5	3.6
Pere Marquette	274 784	12 770	10 089	79.0	22 967	1 564	17.9	27.2	6.8
Pittsburgh & Lake Erie	262 146	8 407	6 132	72.9	30 018	3 775	9.0	42.8	12.6
Pittsburgh & Shawmut	11 445	460	240	52.2	606	24	24.5	47.7	4.0
Pittsburgh & West Virginia	14 259	508	338	66.5	941	101	17.4	42.1	10.7
Pitts., Shawmut & Northern	13 387	617	327	53.0	1 982	1 206	10.0	40.9	60.8
Ulster & Delaware	4 893	253	140	55.3	375	7	21.8	35.0	1.9
Wabash	502 607	25 342	19 831	78.3	29 632	2 309	27.6	25.3	7.8
TOTAL - GREAT LAKES REGION	7 949 392	381 875	266 318	69.7	491 047	38 942	25.1	29.8	7.9
OHIO-INDIANA-ALLEGHENY REGION									
Atlantic City	5 282	252	177	70.2	361	7	22.5	29.0	1.9
Baltimore & Ohio (East & West)	2 153 525	91 643	59 740	65.2	114 464	7 493	25.8	36.0	6.5
Bessemer & Lake Erie	244 534	6 123	4 848	79.2	8 009	550	24.7	50.4	6.3
Buffalo & Susquehanna RR Corp.	28 311	1 161	620	53.4	1 485	174	25.2	45.7	11.7
Central of New Jersey	268 996	12 313	8 038	65.3	25 363	2 713	15.7	33.5	10.7
Chicago, Indianapolis & Louis.	107 914	5 136	3 585	69.8	6 572	461	25.2	30.1	7.0
Cincinnati, Indianapolis & West.	40 338	1 692	1 400	82.7	1 981	269	27.6	28.8	13.6
Cincinnati Northern	46 386	2 090	1 458	69.8	1 638	84	41.2	31.8	5.1
Cleveland, Cin., Chicago & St. L.	640 091	32 757	21 999	67.2	36 730	2 911	28.8	29.1	7.9
Detroit, Toledo & Ironton	60 969	2 080	1 461	70.2	3 301	583	20.3	41.7	17.7
Hocking Valley	223 137	7 962	4 767	59.9	13 020	2 393	19.7	46.8	18.4
Kanawha & Michigan	50 457	2 087	1 222	58.6	3 571	286	18.9	41.3	8.0
Lake Erie & Western	110 990	5 052	4 238	83.9	6 948	377	23.5	26.2	5.4
Long Island	11 319	808	519	64.2	5 937	237	4.4	21.8	4.0
Pennsylvania Lines	4 928 295	210 922	135 678	64.3	309 162	13 674	22.0	36.3	4.4
Perkiomen	6 732	283	240	84.8	168	-	54.3	28.1	-
Philadelphia & Reading	693 052	25 314	17 872	69.2	46 301	1 837	18.0	38.8	4.0
Port Reading	6 594	254	142	55.9	2 094	19	3.9	45.0	0.9
Staten Island Rapid Transit	a	95	70	73.7	3 686	54	0.8	-	1.5
Toledo & Ohio Central	181 586	6 800	4 077	60.0	10 535	701	20.8	44.5	6.7
Toledo, St. Louis & Western	138 108	6 880	4 884	71.0	3 860	167	57.5	28.3	4.3
Western Maryland	238 223	8 712	5 498	63.1	11 606	658	24.2	43.3	5.7
Wheeling & Lake Erie	167 736	5 107	3 814	74.7	12 277	1 621	13.4	44.0	13.2
TOTAL - OHIO-INDIANA-ALLEGH. REG.	10 352 575	436 023	286 347	65.7	629 069	37 269	22.4	36.2	5.9
POCAHONTAS REGION									
Chesapeake & Ohio	1 191 590	45 897	28 166	61.4	41 300	3 983	36.1	42.3	9.7
Norfolk & Western	1 104 221	41 117	26 479	64.4	35 757	2 414	37.1	41.7	6.8
Rich., Fredericksburg & Potomac	35 529	2 086	1 563	74.9	1 854	328	36.3	22.7	17.7
Virginian	300 523	10 678	5 602	52.5	6 728	377	51.2	53.6	5.6
TOTAL - POCAHONTAS REGION	2 631 863	99 778	61 810	61.9	85 339	7 102	37.7	42.6	8.3

AUGUST 1920		Frt. car-miles (thousands)			Freight cars on line daily		Efficiency Ratios		
Road	Net ton-miles (thousands)	Total	Loaded	Per cent loaded to total 4 = 3 ÷ 2	Total	Unserviceable	Car-miles per day 7 = $\frac{2+5}{31}$	Tons per car 8 = 1 ÷ 3	Per cent of unserviceable cars 9 = 6 ÷ 5
	1	2	3		5	6			
SOUTHERN REGION									
Alabama & Vicksburg	15 105	864	608	70.4	881	34	31.6	24.8	3.9
Alabama Great Southern	82 359	4 138	3 159	76.3	3 017	160	44.2	26.1	5.3
Atlanta & West Point	7 201	399	333	83.5	450	65	28.6	21.6	14.4
Atlanta, Birmingham & Atlantic	55 964	2 683	1 751	65.3	2 251	175	38.4	32.0	7.8
Atlantic Coast Line	308 977	19 132	13 192	69.0	25 234	2 836	24.5	23.4	11.2
Carolina, Clinchfield & Ohio	75 426	3 065	1 763	57.5	3 806	381	26.0	42.8	10.0
Central of Georgia	129 326	7 181	5 296	73.8	7 773	332	29.8	24.4	4.3
Charleston & Western Carolina	17 752	781	579	74.1	1 330	116	18.9	30.7	8.7
Cinn., New Orleans & Tex. Pac.	135 240	7 721	5 850	75.8	8 076	502	30.8	23.1	6.2
Florida East Coast	47 960	3 678	2 146	58.3	3 002	98	39.5	22.3	3.3
Georgia	33 899	1 710	1 410	82.5	2 067	480	26.7	24.0	23.2
Georgia Southern & Florida	22 586	1 271	920	72.4	2 090	215	19.6	24.6	10.3
Gulf & Ship Island	6 635	446	313	70.2	1 050	31	13.7	21.2	3.0
Gulf, Mobile & Northern	23 937	1 085	873	80.5	1 426	100	24.5	27.4	7.0
Illinois Central (Incl. Y&MV)	1 606 406	75 856	52 902	69.7	58 097	2 780	42.1	30.4	4.8
Louisville & Nashville	946 519	45 130	30 455	67.5	48 580	5 073	30.0	31.1	10.4
Louisville, Henderson & St. Louis	23 432	1 003	796	79.4	547	22	59.1	29.4	4.0
Mississippi Central	2 873	130	134	74.4	476	28	12.2	21.4	5.9
Mobile & Ohio	186 238	8 182	6 152	75.2	8 695	1 216	30.4	30.3	14.0
Nashville, Chatt. & St. Louis	137 245	7 377	5 605	76.0	7 159	508	33.2	24.5	7.1
New Orleans & Northeastern	45 742	2 174	1 750	80.5	2 882	241	24.3	26.1	8.4
New Orleans Great Northern	9 382	529	343	64.8	992	2	17.2	27.4	0.2
Norfolk Southern	23 093	1 336	1 015	76.0	2 946	347	14.6	22.8	1.8
Northern Alabama	8 045	334	201	60.2	801	-	13.5	40.0	-
Seaboard Air Line	242 154	13 738	10 087	73.4	18 775	1 608	23.6	24.0	8.6
Southern	804 434	45 100	33 426	74.1	57 533	2 122	25.3	24.1	3.7
Southern in Mississippi	5 196	284	207	72.9	639	41	14.3	25.1	6.4
Tennessee Central	12 811	635	452	71.2	1 440	56	14.2	28.3	3.9
Western of Alabama	9 139	507	385	75.9	572	82	28.6	23.7	14.3
TOTAL - SOUTHERN REGION	5 025 076	256 519	182 103	71.0	272 587	19 651	30.4	27.6	7.2
NORTHWESTERN REGION									
Chicago & Northwestern	1 072 757	61 703	40 456	65.5	82 243	6 148	24.2	26.5	7.5
Chgo. St. Paul, Minn. & Omaha	172 916	10 016	7 197	71.9	12 893	1 142	25.1	24.0	8.9
Chicago Great Western	156 546	9 150	6 283	68.7	11 423	2 057	25.8	24.9	18.0
Chicago, Milwaukee & St. Paul	1 174 690	71 997	47 270	65.7	70 563	5 700	32.9	24.9	8.1
Duluth & Iron Range	121 555	4 659	2 578	55.3	6 585	214	22.8	47.2	3.2
Duluth, Missabe & Northern	224 997	8 388	4 890	58.3	9 308	86	29.1	46.0	0.9
Duluth, South Shore & Atlantic	36 683	2 108	1 464	69.4	3 264	206	20.8	25.1	6.3
Duluth, Winnipeg & Pacific	17 342	918	669	72.9	2 339	135	12.7	25.9	5.8
Elgin, Joliet & Eastern	199 617	7 294	5 335	73.1	15 769	1 175	14.9	37.4	7.5
Great Northern	883 112	49 311	29 551	59.9	50 787	4 302	31.3	29.9	8.5
Lake Superior & Ishpeming	8 857	329	165	50.2	934	26	11.4	53.7	2.8
Mineral Range	1 843	95	54	56.8	805	17	3.8	34.1	2.1
Minneapolis & St. Louis	123 602	5 983	4 526	75.6	7 974	644	24.2	27.3	8.1
Minn. St. Paul & S. S. Marie	302 480	18 802	13 179	70.1	20 851	1 802	29.1	23.0	8.6
Northern Pacific	769 756	46 345	28 774	62.1	41 544	3 628	36.0	26.8	8.7
Oregon-Washington RR & Nav. Co.	183 231	8 536	6 542	76.6	7 156	249	38.5	28.0	3.5
Spokane, Portland & Seattle	45 192	2 207	1 776	80.5	2 006	100	35.5	25.4	5.0
TOTAL - NORTHWESTERN REGION	5 495 176	307 841	200 709	65.2	346 444	27 631	28.7	27.4	8.0
CENTRAL WESTERN REGION									
Arizona Eastern	11 140	507	315	62.1	710	17	23.0	35.4	2.4
Atchison, Topeka & Santa Fe	1 198 706	79 655	54 212	68.1	61 713	5 166	41.6	22.1	8.4
Bingham & Garfield	10 645	312	159	51.0	860	34	11.7	66.9	4.0
Chicago & Alton	209 811	11 732	8 064	68.7	17 498	466	21.6	26.0	2.7
Chicago & Eastern Illinois	252 081	11 770	7 985	67.8	16 818	2 049	22.6	31.6	12.2
Chicago, Burlington & Quincy	1 450 582	73 221	49 883	68.1	68 918	5 116	34.3	29.1	7.4
Chicago, Peoria & St. Louis	26 157	1 074	853	79.4	1 835	81	18.9	30.7	4.4
Chgo., R.I. & Pac. (Ino. CRI&G)	816 840	43 265	32 461	75.0	46 190	4 363	30.2	25.2	9.4
Chicago, Terre Haute & S. E.	42 466	2 224	994	44.7	4 678	348	15.3	42.7	7.4
Colorado & Southern	84 168	3 777	2 549	67.5	5 898	549	20.7	33.0	9.3
Denver & Rio Grande	190 549	3 296	6 472	69.6	14 418	971	20.8	29.4	6.7
Denver & Salt Lake	18 227	871	465	53.4	1 015	143	27.7	39.2	14.1
El Paso & Southwestern	89 388	4 251	2 833	66.6	3 620	209	37.9	31.6	5.8
Fort Worth & Denver City	56 450	3 066	2 061	67.2	3 473	333	28.5	27.4	9.6
Los Angeles & Salt Lake	83 147	4 769	3 406	71.4	3 198	248	48.1	24.4	7.8
Nevada Northern	10 109	370	194	52.4	486	16	24.6	52.1	3.3
Northwestern Pacific	13 920	1 026	697	67.9	1 661	75	19.9	20.0	4.5
Oregon Short Line	321 029	17 211	11 142	64.7	10 619	362	52.3	28.8	3.4
Quincy, Omaha & Kansas City	7 006	363	246	67.8	342	3	34.2	28.5	0.9
Southern Pacific (Pacific Sys.)	971 923	52 637	38 657	73.4	46 352	2 323	36.6	25.1	5.0
St. Joseph & Grand Island	23 096	1 404	958	68.2	796	135	56.9	24.1	17.0
Toledo, Peoria & Western	7 616	404	273	67.6	762	82	17.1	27.9	10.8
Union Pacific	998 437	63 079	43 375	68.8	23 466	1 356	86.7	23.0	5.8
Utah	13 599	545	270	49.5	718	12	24.5	50.4	1.7
Western Pacific	165 394	8 529	5 740	67.3	3 825	195	71.9	28.8	5.1
TOTAL - CENTRAL WESTERN REGION	7 072 486	395 358	274 264	69.4	339 869	24 652	37.5	25.8	7.3

AUGUST 1920		Fr't. car-miles (thousands)			Freight cars on line daily		Efficiency Ratios		
Road	Net ton-miles (thousands)	Total	Loaded	Per cent loaded to total 4= 3 ÷ 2	Total	Unserviceable	Car-miles per day 7 = $\frac{2 \div 5}{31}$	Tons per car 8=1 ÷ 3	Per cent of unserviceable cars 9 = 6 ÷ 5
	1	2	3		5	6			
SOUTHWESTERN REGION									
Fort Worth & Rio Grande	3 261	281	203	72.2	1 014	53	8.9	16.1	5.2
Gulf Coast Lines	62 971	3 312	2 514	75.9	4 566	327	23.4	25.0	7.2
Gulf, Colorado & Santa Fe	170 174	8 638	6 239	72.2	11 190	711	24.9	27.3	6.4
International & Great Northern	84 814	4 486	3 230	72.0	4 698	295	30.8	26.3	6.3
Kansas City, Mexico & Orient	9 841	596	425	71.3	693	178	27.7	23.2	25.7
Kansas City, Mex. & Orient of Tex.	15 036	832	613	73.7	957	118	28.0	24.5	12.3
Kansas City Sou. (Incl. T&P)	178 982	8 198	6 285	76.7	6 378	343	41.5	28.5	5.4
Kansas, Oklahoma & Gulf	18 694	945	572	60.5	1 406	214	21.7	32.7	15.2
Louisiana & Arkansas	19 226	1 047	652	62.3	1 232	40	27.4	29.5	3.2
Louisiana Ry. & Nav. Co.	26 583	1 214	861	70.9	2 010	104	19.5	30.9	5.2
Midland Valley	24 156	1 536	830	54.0	2 290	58	21.6	29.1	2.5
Missouri & North Arkansas	8 608	384	312	81.3	621	70	19.9	27.6	11.3
Missouri, Kansas & Texas	224 742	14 388	9 135	63.5	14 725	1 122	31.5	24.6	7.6
Missouri, Kans. & Tex. of Tex.	132 876	7 579	5 020	66.2	12 511	541	19.5	26.5	4.3
Missouri Pacific	809 791	39 371	29 621	75.2	52 773	2 605	24.1	27.3	4.9
St. Louis - San Francisco	453 845	25 345	17 473	68.9	36 248	1 845	22.6	26.0	5.1
St. Louis, San Francisco & Tex.	8 250	494	335	67.8	570	30	28.0	24.6	5.3
St. Louis Southwestern	147 267	8 258	6 128	74.2	7 146	293	37.3	24.0	4.1
St. Louis Southwestern of Tex.	41 781	2 751	1 908	69.4	3 274	224	27.1	21.9	6.8
San Antonio & Aransas Pass	19 535	1 389	1 049	75.5	1 692	126	26.5	18.6	7.4
Sunset Lines (Incl. H&TC & H&WT)	390 841	19 374	14 299	73.8	22 151	1 175	28.2	27.3	5.2
Texas & Pacific	184 483	10 629	7 617	71.7	13 265	1 660	25.8	24.2	12.5
Trinity & Brazos Valley	12 300	532	417	78.4	771	209	22.3	29.5	27.1
Vicksburg, Shreveport & Pacific	16 144	937	636	67.9	1 107	78	27.3	25.4	7.0
Wichita Falls & Northwestern	5 266	349	200	57.3	1 129	11	10.0	26.3	9.7
Wichita Valley	3 445	232	154	66.4	430	3	17.4	22.4	0.7
TOTAL - SOUTHWESTERN REGION	3 072 912	163 097	116 728	71.6	204 847	12 433	25.7	26.3	6.0

a Data not available.

MONTHLY SUMMARY - UNITED STATES

January 1917 to August 1920

Month	Car-miles per day				Tons per car (Revenue and Non-Revenue)				Percentage of unserviceable cars				Per cent loaded to total car-miles			
	1917	1918	1919	1920	1917	1918	1919	1920	1917	1918	1919	1920	1917	1918	1919	1920
January	25.2	18.3	21.4	22.8	26.4	29.6	29.0	28.3	5.6	5.1	6.0	6.6	70.1	70.0	66.2	70.9
February	23.9	22.0	20.3	22.3	26.1	28.4	27.7	28.2	5.5	5.2	5.6	6.5	71.5	70.9	67.5	72.0
March	25.0	24.9	20.4	23.8	26.4	28.1	27.6	28.3	5.4	5.0	5.6	7.0	70.8	71.4	68.1	72.3
April	27.4	25.9	21.0	19.4	25.6	29.4	27.3	28.6	5.8	5.1	6.4	6.5	71.6	68.0	68.1	68.3
May	29.0	26.4	22.8	24.2	26.7	27.7	27.7	28.3	5.6	5.4	7.3	6.6	70.1	66.8	67.4	71.2
June	28.4	26.8	23.0	25.0	27.8	28.3	27.5	29.0	5.6	5.9	8.1	7.0	68.7	66.6	67.9	69.5
July	28.3	26.5	24.1	26.1	27.1	30.1	27.8	29.6	6.0	6.9	8.7	7.2	67.9	64.7	68.0	67.8
August	27.1	26.0	24.2	27.4	27.9	30.1	28.0	29.8	6.0	6.6	9.2	7.1	68.7	67.6	70.4	68.2
September	26.6	26.8	26.5	-	27.0	29.7	28.3	-	5.8	6.2	8.5	-	70.0	66.9	69.6	-
October	26.3	26.2	27.3	-	27.7	29.7	28.0	-	5.6	6.0	7.4	-	71.5	67.9	68.4	-
November	26.2	24.6	23.3	-	27.2	29.5	26.2	-	5.2	5.6	6.2	-	71.0	67.1	71.2	-
December	21.3	22.8	22.3	-	29.2	29.8	27.7	-	5.2	5.8	6.2	-	70.9	65.9	71.1	-
Total	26.1	24.9	23.1	-	27.0	29.1	27.8	-	5.6	5.7	7.1	-	70.2	67.7	68.7	-

BUREAU OF RAILWAY ECONOMICS
WASHINGTON, D. C.

FREIGHT CAR PERFORMANCE

September 1920

The accompanying statistics of freight car performance for the month of September, 1920, are compiled from the reports of railways of Class I to the Interstate Commerce Commission.

Railways of Class I are those with annual operating revenues above \$1,000,000. Their operated mileage approximates 90 per cent of the total standard gauge steam railway mileage of the United States, and their owned freight cars 96 per cent of all standard gauge railway-owned freight cars. The operations included in this statement for September cover 231,583 miles of line.

Net ton-miles include revenue and non-revenue freight throughout. Freight car-miles include all mileage made by freight cars in freight, mixed, special, and other trains. Unserviceable freight cars are those in or awaiting shop, including all "bad order" cars.

The significant factors for the month of September were as follows:

Per cent of loaded car-miles.....	67.0
Car-miles per day.....	28.1
Tons per loaded car.....	30.0
Per cent of unserviceable cars.....	7.2

The daily car-mileage in September was the greatest since the month of July, 1917. Tons per car were the greatest of any month since August, 1918.

SEPTEMBER	1920	Fr't. car-miles (thousands)			Freight cars on line daily		Efficiency Ratios		
Road	Net ton-miles (thousands)	Total	Loaded	Per cent loaded to total 4 = 3 ÷ 2	Total	Unserviceable	Car-miles per day 7 = $\frac{2 \div 5}{30}$	Tons per car 8 = 1 ÷ 3	Per cent of unserviceable cars 9 = 6 ÷ 5
	1	2	3		5	6			
NEW ENGLAND REGION	1 059 206	59 277	42 014	70.9	108 825	9 854	18.2	25.2	9.1
GREAT LAKES REGION	7 108 314	364 662	242 691	66.6	459 171	37 036	26.5	29.3	8.1
OHIO-INDIANA-ALLEGHENY REG.	9 975 181	414 121	274 840	66.4	600 784	34 490	23.0	36.3	5.7
POCAHONTAS REGION	2 465 622	96 494	57 719	59.8	86 717	7 544	37.1	42.7	8.7
SOUTHERN REGION	4 795 985	251 130	171 166	68.2	269 495	20 683	31.1	28.0	7.7
NORTHWESTERN REGION	5 812 650	302 822	203 484	66.9	342 894	27 288	29.4	28.7	8.0
CENTRAL WESTERN REGION	6 907 378	391 910	266 028	67.9	339 392	25 187	38.5	26.0	7.4
SOUTHWESTERN REGION	2 875 507	160 829	109 907	68.3	210 169	11 147	25.5	26.2	5.3
GRAND TOTAL - ALL REGIONS	40 999 843	2 041 245	1 366 849	67.0	2 417 447	173 229	28.1	30.0	7.2
NEW ENGLAND REGION									
Atlantic & St. Lawrence	14 737	845	556	65.8	1 624	182	17.3	26.5	11.2
Bangor & Aroostook	19 756	1 813	1 023	56.4	2 913	252	20.7	19.3	8.7
Boston & Albany	132 723	7 732	5 269	68.1	8 616	367	29.9	25.2	4.3
Boston & Maine	371 849	20 262	14 428	71.2	35 568	3 383	19.0	25.8	9.5
Canadian Pac. (Lines in Me.)	15 246	767	602	78.5	536	6	47.7	25.3	1.1
Central New England	59 735	2 779	1 760	63.3	2 329	390	39.8	33.9	16.7
Central Vermont	33 910	2 155	1 601	74.3	2 623	143	27.4	21.2	5.5
Maine Central	81 427	5 270	3 543	67.2	9 288	962	18.9	23.0	10.4
New York, New Haven & Hart.	301 582	16 307	12 155	74.5	43 229	4 055	12.6	24.8	9.4
Rutland	28 241	1 347	1 077	80.0	2 099	114	21.4	26.2	5.4
TOTAL - NEW ENGLAND REGION	1 059 206	59 277	42 014	70.9	108 825	9 854	18.2	25.2	9.1
GREAT LAKES REGION									
Ann Arbor	41 512	1 791	1 441	80.5	2 241	252	26.6	28.8	11.2
Buffalo, Rochester & Pitts.	237 145	9 663	5 729	59.3	13 250	957	24.3	41.4	7.2
Chi., Det. & Can. Grd. Trk. Jct.	11 952	489	375	76.7	2 328	294	7.0	31.9	12.6
Delaware & Hudson	392 055	16 165	10 859	67.2	18 651	1 168	28.9	36.1	6.3
Delaware, Lackawanna & West.	489 305	24 583	17 252	70.2	25 620	1 291	32.0	28.4	5.0
Detroit & Mackinac	9 281	589	401	68.1	1 250	156	15.7	23.1	12.5
Detroit & Toledo Shore Line	18 646	798	526	65.9	1 139	110	23.4	35.4	9.7
Detroit, Grand Haven & Mil.	23 716	1 302	979	75.2	2 910	368	14.9	24.2	12.6
Erie (Incl. Chicago & Erie)	1 028 636	56 872	36 521	64.2	57 410	3 902	33.0	28.2	6.8
Grand Trunk Western	118 769	7 771	4 980	64.1	5 821	737	44.5	23.8	12.7
Lehigh & Hudson River	47 629	1 850	1 214	65.6	927	91	66.5	39.2	9.8
Lehigh & New England	16 237	732	372	50.8	3 207	142	7.6	43.6	4.4
Lehigh Valley	533 551	25 422	17 014	66.9	36 637	3 443	23.1	31.4	9.4
Michigan Central	455 706	25 656	18 198	70.9	31 630	2 371	27.0	25.0	7.5
Monongahela	26 827	1 110	599	54.0	1 554	34	23.8	44.8	2.2
New Jersey & New York	328	22	13	59.1	113	-	6.5	25.2	-
New York Central	2 253 458	123 219	77 057	62.5	156 167	11 628	26.3	29.2	7.4
New York, Chicago & St. Louis	296 942	16 050	12 033	75.0	11 053	915	48.4	24.7	8.3
New York, Ontario & Western	54 999	2 507	1 659	66.2	4 554	845	18.4	33.2	18.6
New York, Susquehanna & West.	8 269	373	265	71.0	2 304	66	5.4	31.2	2.9
Pere Marquette	254 437	12 426	9 285	74.7	23 108	1 534	17.9	27.4	6.6
Pittsburg & Lake Erie	272 690	9 504	6 474	68.1	25 305	3 172	12.5	42.1	12.5
Pittsburg & Shawmut	12 922	514	267	51.9	887	42	19.3	48.4	4.7
Pittsburg & West Virginia	10 280	459	269	58.6	940	102	16.3	38.2	10.9
Pittsburg, Shawmut & Northern	15 161	701	394	56.2	2 023	1 251	11.6	38.5	61.8
Ulster & Delaware	3 727	186	109	58.6	314	7	19.7	34.2	2.2
Wabash	474 144	23 908	18 406	77.0	27 828	2 158	28.6	25.8	7.8
TOTAL - GREAT LAKES REGION	7 108 314	364 662	242 691	66.6	459 171	37 036	26.5	29.3	8.1
OHIO-INDIANA-ALLEGHENY REGION									
Atlantic City	4 589	235	171	72.8	279	10	28.1	26.8	3.6
Baltimore & Ohio (East & West)	2 050 848	85 045	55 924	65.8	110 579	7 234	25.6	36.7	6.5
Bessemer & Lake Erie	272 640	6 878	5 336	77.6	10 524	798	21.8	51.1	7.6
Buffalo & Susquehanna RR Corp.	27 457	1 094	600	54.8	1 413	195	25.8	45.8	13.8
Central of New Jersey	224 564	10 440	6 784	65.0	24 527	3 199	14.2	33.1	13.0
Chicago, Indian. & Louisville	111 957	5 089	3 567	70.1	6 319	570	26.8	31.4	9.0
Cincinnati, Indian. & Western	34 764	1 476	1 190	80.6	1 797	286	27.4	29.2	15.9
Cincinnati Northern	39 810	1 801	1 202	66.7	1 637	93	36.7	33.1	5.7
Cleve., Cin., Chicago & St. L.	634 010	33 432	21 287	63.7	35 899	2 613	31.0	29.8	7.3
Detroit, Toledo & Ironton	54 199	1 993	1 288	64.6	3 458	803	19.2	42.1	23.2
Hocking Valley	194 770	7 165	4 223	58.9	12 339	2 525	19.4	46.1	20.5
Kanawha & Michigan	43 511	1 936	1 110	57.3	3 117	333	20.7	39.2	10.7
Lake Erie & Western	90 268	4 026	3 447	85.6	6 298	477	21.3	26.2	7.6
Long Island	10 390	790	507	64.2	5 440	200	4.8	20.5	3.7
Pennsylvania Lines	4 879 503	200 362	134 897	67.3	296 002	9 819	22.6	36.2	3.3
Perkiomen	7 109	282	231	81.9	177	-	53.1	30.8	-
Philadelphia & Reading	598 308	24 837	15 791	63.6	39 725	2 052	20.8	37.9	5.2
Port Reading	2 961	143	66	46.2	1 598	33	3.0	44.9	2.1
Staten Island Rapid Transit	a	93	64	68.8	3 400	33	0.9	-	1.0
Toledo & Ohio Central	170 501	6 602	3 785	57.3	9 310	693	23.6	45.0	7.4
Toledo, St. Louis & Western	118 022	6 268	4 252	67.8	3 826	160	54.6	27.8	4.2
Western Maryland	243 905	9 385	5 533	59.0	11 414	712	27.4	44.1	6.2
Wheeling & Lake Erie	161 035	4 749	3 585	75.5	11 706	1 647	13.5	44.9	14.1
TOTAL - OHIO-INDIANA-ALLEGH. REG.	9 975 181	414 121	274 840	66.4	600 784	34 490	23.0	36.3	5.7
POCAHONTAS REGION									
Chesapeake & Ohio	1 120 448	45 589	26 960	59.1	40 814	4 306	37.2	41.6	10.6
Norfolk & Western	1 038 750	39 226	24 294	61.9	37 486	2 571	34.9	42.8	6.9
Rich., Fredericksburg & Potomac	30 184	1 620	1 298	80.1	1 569	301	34.4	23.3	19.2
Virginian	276 240	10 059	5 167	51.4	6 848	366	49.0	53.5	5.3
TOTAL - POCAHONTAS REGION	2 465 622	96 494	57 719	59.8	86 717	7 544	37.1	42.7	8.7

SEPTEMBER	1920	Frt. car-miles (thousands)			Freight cars on line daily		Efficiency Ratios		
Road	Net ton-miles (thousands)	Total	Loaded	Per cent loaded to total 4 = 3 ÷ 2	Total	Unser-viceable	Car-miles per day 7 = $\frac{2 \div 5}{30}$	Tons per car 8 = 1 ÷ 3	Per cent of unservice-able cars 9 = 6 ÷ 5
1	2	3	4 = 3 ÷ 2	5	6	7 = $\frac{2 \div 5}{30}$	8 = 1 ÷ 3	9 = 6 ÷ 5	
SOUTHERN REGION									
Alabama & Vicksburg	15 660	917	626	68.3	1 114	141	27.4	25.0	12.7
Alabama Great Southern	83 770	4 088	3 213	78.6	3 265	224	41.7	26.1	6.9
Atlanta & West Point	7 921	417	350	83.9	490	63	28.4	22.6	12.9
Atlanta, Birmingham & Atlantic	50 620	2 197	1 543	70.2	2 153	214	34.0	32.8	9.9
Atlantic Coast Line	284 943	17 205	12 327	71.6	25 062	2 736	22.9	23.1	10.9
Carolina, Clinchfield & Ohio	82 537	3 284	1 951	59.4	3 960	440	27.6	42.3	11.1
Central of Georgia	129 068	6 835	4 996	73.1	8 520	360	26.7	25.8	4.2
Charleston & Western Carolina	17 159	827	590	71.3	1 536	100	17.9	29.1	6.5
Cin., New Orleans & Tex. Pac.	136 235	7 081	5 705	80.6	7 871	498	30.0	23.9	6.3
Florida East Coast	53 269	3 870	2 508	64.8	3 205	98	40.2	21.2	3.1
Georgia	32 224	1 743	1 318	75.6	2 267	369	25.6	24.4	16.3
Georgia Southern & Florida	28 738	1 452	1 070	73.7	2 179	257	22.2	26.9	11.8
Gulf & Ship Island	8 819	514	369	71.8	1 233	40	13.9	23.9	3.2
Gulf, Mobile & Northern	24 610	1 142	891	78.0	1 676	91	22.7	27.6	5.4
Illinois Central (Incl. Y&MV)	1 515 198	75 607	49 342	65.3	57 562	2 953	43.8	30.7	5.1
Louisville & Nashville	886 425	42 345	27 758	65.6	47 206	5 275	29.9	31.9	11.2
Louisville, Henderson & St. L.	17 182	733	607	82.8	465	22	52.5	28.3	4.7
Mississippi Central	2 937	193	127	65.8	462	31	13.9	23.1	6.7
Mobile & Ohio	183 301	8 416	5 986	71.1	7 756	1 356	36.2	30.6	17.5
Nashville, Chatta. & St. Louis	126 689	6 958	5 122	73.6	7 384	575	31.4	24.7	7.8
New Orleans & Northeastern	48 781	2 251	1 856	82.5	3 062	332	24.5	26.3	10.8
New Orleans Great Northern	10 123	546	366	67.0	1 139	2	16.0	27.7	0.2
Norfolk Southern	24 872	1 472	1 172	79.6	3 101	367	15.8	21.2	11.8
Northern Alabama	7 360	290	186	64.1	761	-	12.7	39.6	-
Seaboard Air Line	226 293	12 424	9 230	74.3	17 318	1 751	23.9	24.5	10.1
Southern	764 814	46 903	30 897	65.9	55 909	2 191	28.0	24.8	3.9
Southern in Mississippi	5 097	288	206	71.5	607	55	15.8	24.7	9.1
Tennessee Central	11 425	585	445	76.1	1 599	62	12.2	25.7	3.9
Western of Alabama	9 915	542	409	75.5	633	80	28.5	24.2	12.6
TOTAL - SOUTHERN REGION	4 795 985	251 130	171 166	68.2	269 495	20 683	31.1	28.0	7.7
NORTHWESTERN REGION									
Chicago & Northwestern	1 220 583	63 560	41 961	66.0	81 566	6 466	26.0	29.1	7.9
Chicago, St. Paul, Minn. & Omaha	162 392	8 658	6 758	78.1	12 529	1 331	23.0	24.0	10.6
Chicago Great Western	159 623	8 259	6 145	74.4	10 651	1 290	25.8	26.0	12.1
Chicago, Milwaukee & St. Paul	1 201 832	69 358	46 863	67.6	65 619	4 853	35.2	25.6	7.4
Duluth & Iron Range	126 766	5 033	2 595	51.6	6 659	227	25.2	48.8	3.4
Duluth, Missabe & Northern	218 199	8 480	4 396	51.8	9 322	83	30.3	49.6	0.9
Duluth, South Shore & Atlantic	39 869	1 607	1 189	74.0	3 337	188	16.1	33.5	5.6
Duluth, Winnipeg & Pacific	11 469	723	530	73.3	2 112	193	11.4	21.6	9.1
Elgin, Joliet & Eastern	196 417	7 020	4 923	70.1	14 122	1 088	16.6	39.9	7.7
Great Northern	989 364	51 667	32 070	62.1	54 755	4 589	31.5	30.9	8.4
Lake Superior & Ishpeming	6 940	279	137	49.1	903	15	10.3	50.7	1.7
Mineral Range	1 884	90	51	56.7	739	16	4.1	36.9	2.2
Minneapolis & St. Louis	137 330	6 236	4 770	76.5	7 828	763	26.6	28.8	9.7
Minn., St. Paul & S. S. Marie	331 038	18 694	13 107	70.1	21 527	1 887	28.9	25.3	8.8
Northern Pacific	793 276	42 389	29 130	68.7	40 875	3 825	34.6	27.2	9.4
Oregon-Washington RR & Nav. Co.	170 889	8 454	6 115	72.3	7 838	387	36.0	27.9	4.9
Spokane, Portland & Seattle	44 779	2 315	1 744	75.3	2 512	87	30.7	25.7	3.5
TOTAL - NORTHWESTERN REGION	5 812 650	302 822	202 484	66.9	342 894	27 288	29.4	28.7	8.0
CENTRAL WESTERN REGION									
Arizona Eastern	10 831	528	313	59.3	767	16	22.9	34.6	2.1
Atchison, Topeka & Santa Fe	1 062 582	70 021	47 031	67.2	62 592	5 447	37.3	22.6	8.7
Bingham & Garfield	745	23	14	60.9	245	7	3.1	53.2	2.9
Chicago & Alton	201 503	11 355	7 593	66.9	16 558	500	22.9	26.5	3.0
Chicago & Eastern Illinois	249 152	11 407	7 633	66.9	14 614	2 122	26.0	32.6	14.5
Chicago, Burlington & Quincy	1 423 102	76 304	49 017	64.2	69 533	5 616	36.6	29.0	8.1
Chicago, Peoria & St. Louis	23 289	934	758	81.2	1 638	81	19.0	30.7	4.9
Chi., R.I. & Pac. (Incl. CRI&G)	751 860	41 451	29 766	71.8	43 805	3 773	31.5	25.3	8.6
Chicago, Terre Haute & S.E.	63 030	2 879	1 437	49.9	5 096	491	18.8	43.9	9.6
Colorado & Southern	87 076	4 133	2 678	64.8	5 825	623	23.7	32.5	10.7
Denver & Rio Grande	210 568	11 467	7 670	66.9	15 842	1 025	24.1	27.5	6.5
Denver & Salt Lake	16 678	895	482	53.9	1 285	143	23.2	34.6	11.1
El Paso & Southwestern	92 401	4 595	2 968	64.6	3 774	210	40.6	31.1	5.6
Fort Worth & Denver City	61 354	3 633	2 250	61.9	3 773	358	32.1	27.3	9.5
Los Angeles & Salt Lake	77 744	4 499	3 257	72.4	3 447	266	43.5	23.9	7.7
Nevada Northern	3 269	156	89	57.1	237	2	21.9	36.7	0.8
Northwestern Pacific	14 412	1 037	698	67.3	1 616	78	21.4	20.6	4.8
Oregon Short Line	305 631	16 650	10 859	65.2	11 443	481	48.5	28.1	4.2
Quincy, Omaha & Kansas City	7 119	379	241	63.6	369	3	34.2	29.5	0.8
Southern Pac. Lines (Pac. Sys.)	972 559	52 777	38 945	73.8	45 764	2 042	38.4	25.0	4.5
St. Joseph & Grand Island	23 146	1 363	959	70.4	759	138	59.9	24.1	18.2
Toledo, Peoria & Western	7 382	381	247	64.8	786	114	16.2	29.9	14.5
Union Pacific	1 069 683	65 666	45 128	68.7	24 781	1 370	88.3	23.7	5.5
Utah	14 492	606	296	48.8	835	10	24.2	49.0	1.2
Western Pacific	157 770	8 771	5 699	65.0	4 008	271	72.9	27.7	6.8
TOTAL - CENTRAL WESTERN REGION	6 907 378	391 910	266 028	67.9	339 392	25 187	38.5	26.0	7.4

SEPTEMBER	1920	Net ton-miles (thousands)	Frt. car-miles (thousands)			Freight cars on line daily		Efficiency Ratios		
			Total	Loaded	Per cent loaded to total	Total	Unser- viceable	Car-miles per day	Tons per car	Per cent of unservice- able cars
Road		1	2	3	4 = 3 ÷ 2	5	6	7 = $\frac{2 \div 5}{30}$	8 = 1 ÷ 3	9 = 6 ÷ 5
SOUTHWESTERN REGION										
Fort Worth & Rio Grande		3 068	286	188	65.7	1 045	55	9.1	16.3	5.3
Gulf Coast Lines		66 030	3 507	2 493	71.1	4 458	318	26.2	26.5	7.1
Gulf, Colorado & Santa Fe		177 510	9 311	6 516	70.0	11 735	903	26.4	27.2	7.7
International & Great Northern		86 880	5 087	3 550	69.8	5 749	303	29.5	24.5	5.3
Kansas City, Mexico & Orient		10 009	640	422	65.9	932	135	22.9	23.7	14.5
Kan. City, Mex. & Orient of Tex.		12 299	808	563	69.7	1 185	80	22.7	21.8	6.7
Kansas City Sou. (Incl. T&FS)		178 085	8 168	6 086	74.5	6 692	339	40.7	29.3	5.1
Kansas, Oklahoma & Gulf		18 345	964	568	58.9	1 427	210	22.5	32.3	14.7
Louisiana & Arkansas		18 575	1 075	642	59.7	1 450	39	24.7	28.9	2.7
Louisiana Ry. & Nav. Co.		22 727	1 134	763	67.3	2 333	113	16.2	29.8	4.8
Midland Valley		16 799	1 315	690	52.5	2 568	57	17.1	24.3	2.2
Missouri & North Arkansas		7 684	373	285	76.4	697	31	17.8	27.0	4.4
Missouri, Kansas & Texas		180 069	12 405	7 511	60.5	14 265	1 029	29.0	24.0	7.2
Missouri, Kan. & Tex. of Tex.		129 117	7 414	4 987	67.3	12 606	419	19.6	25.9	3.3
Missouri Pacific		746 953	38 825	27 789	71.6	53 294	2 454	24.3	26.9	4.6
St. Louis - San Francisco		411 146	24 606	16 080	65.3	35 562	1 762	23.1	25.6	5.0
St. Louis, San Francisco & Tex.		8 406	465	319	68.6	588	31	26.4	26.4	5.3
St. Louis Southwestern		136 743	8 019	5 575	69.5	7 941	116	33.7	24.5	1.5
St. Louis Southwestern of Tex.		36 894	2 430	1 611	66.3	3 653	243	22.2	22.9	6.7
San Antonio & Arkansas Pass		22 034	1 449	1 134	78.3	1 704	108	28.3	19.4	6.3
Sou. Pac. Lines (Tex. & La.)		365 603	19 360	13 255	68.5	22 594	1 091	28.6	27.6	4.8
Texas & Pacific		177 468	10 872	7 312	67.3	13 562	1 054	26.7	24.3	7.8
Trinity & Brazos Valley		16 682	676	533	79.6	815	152	27.6	31.0	18.7
Vicksburg, Shreveport & Pacific		17 705	1 029	675	65.6	1 423	81	24.1	26.2	5.7
Wichita Falls & Northwestern		5 554	382	205	53.7	1 424	21	8.9	27.1	1.5
Wichita Valley		3 122	229	150	65.5	466	3	16.4	20.8	0.6
TOTAL - SOUTHWESTERN REGION		2 875 507	160 829	109 907	68.3	210 169	11 147	25.5	26.2	5.3

⌒ Data not available.

MONTHLY SUMMARY - UNITED STATES

January 1917 to September 1920

Month	Car-miles per day				Tons per car (Revenue and Non-Revenue)				Percentage of unserviceable cars				Per cent loaded to total car-miles			
	1917	1918	1919	1920	1917	1918	1919	1920	1917	1918	1919	1920	1917	1918	1919	1920
January	25.2	18.3	21.4	22.8	26.4	29.6	29.0	28.3	5.6	5.1	6.0	6.6	70.1	70.0	66.2	70.9
February	23.9	22.0	20.3	22.3	26.1	28.4	27.7	28.3	5.5	5.2	5.6	6.5	71.5	70.9	67.5	72.0
March	25.6	24.9	20.4	23.8	26.4	28.1	27.6	28.3	5.4	5.0	5.6	7.0	70.8	71.4	68.1	72.3
April	27.4	25.9	21.0	19.4	25.6	26.4	27.3	28.6	5.8	5.1	6.4	6.5	71.6	68.0	68.1	68.3
May	29.0	26.4	22.8	24.2	26.7	27.7	27.7	28.3	5.6	5.4	7.3	6.6	70.1	66.8	67.4	71.2
June	28.4	26.8	23.0	25.0	27.8	28.3	27.5	29.0	5.6	5.9	8.1	7.0	68.7	66.8	67.9	69.5
July	28.3	26.5	24.1	26.1	27.1	30.1	27.8	29.6	6.0	6.9	8.7	7.2	67.9	64.7	68.0	67.8
August	27.1	26.0	24.2	27.4	27.9	30.1	28.0	29.8	6.0	6.6	9.2	7.1	68.7	67.6	70.4	68.2
September	26.6	26.8	26.5	28.1	27.0	29.7	28.3	30.0	5.8	6.2	8.5	7.2	70.0	66.9	69.6	67.0
October	26.3	26.2	27.3	-	27.7	29.7	28.0	-	5.6	6.0	7.4	-	71.5	67.9	68.4	-
November	26.2	24.6	23.3	-	27.2	29.5	26.2	-	5.2	5.6	6.3	-	71.0	67.1	71.3	-
December	21.3	22.8	22.3	-	25.2	29.8	27.7	-	5.2	5.8	6.2	-	70.9	65.9	71.1	-
Total	26.1	24.9	23.1	-	27.0	29.1	27.8	-	5.6	5.7	7.1	-	70.2	67.7	68.7	-

BUREAU OF RAILWAY ECONOMICS
WASHINGTON, D. C.

FREIGHT CAR PERFORMANCE

October 1920

The accompanying statistics of freight car performance for the month of October, 1920, are compiled from the reports of railways of Class I to the Interstate Commerce Commission.

Railways of Class I are those with annual operating revenues above \$1,000,000. Their operated mileage approximates 90 per cent of the total standard gauge steam railway mileage of the United States, and their owned freight cars 96 per cent of all standard gauge railway-owned freight cars. The operations included in this statement for October cover 231,587 miles of line.

Net ton-miles include revenue and non-revenue freight throughout. Freight car-miles include all mileage made by freight cars in freight, mixed, special, and other trains. Unserviceable freight cars are those in or awaiting shop, including all "bad order" cars.

The significant factors for the month of October were as follows:

Per cent of loaded car-miles.....	66.0
Car-miles per day.....	28.5
Tons per loaded car.....	29.9
Per cent of unserviceable cars.....	7.3

The daily car-mileage in October, 28.5 miles, has only once been exceeded, in the month of May, 1917.

OCTOBER	1920	Frt. car-miles (thousands)			Freight cars on line daily		Efficiency Ratios		
Road	Net ton-miles (thousands)	Total	Loaded	Per cent loaded to total	Total	Unserviceable	Car-miles per day	Tone per car	Per cent of unserviceable cars
	1	2	3	4 = 3 ÷ 2	5	6	7 = $\frac{2 \div 5}{31}$	8 = 1 ÷ 3	9 = 6 ÷ 5
NEW ENGLAND REGION	1 139 504	66 328	45 039	67.9	115 457	10 531	18.5	25.3	9.1
GREAT LAKES REGION	7 424 300	381 984	253 705	66.4	442 797	37 065	27.8	29.3	8.4
OHIO-INDIANA-ALLEGHENY REG.	10 352 673	439 361	285 436	65.0	598 658	36 549	23.7	36.3	6.1
POCAHONTAS REGION	2 617 919	99 987	60 105	60.1	88 688	7 253	36.4	43.6	8.2
SOUTHERN REGION	4 910 724	264 471	175 757	66.5	275 884	21 824	30.9	27.9	7.9
NORTHWESTERN REGION	5 808 058	312 518	210 368	67.3	342 714	26 948	29.4	27.6	7.9
CENTRAL WESTERN REGION	7 240 296	420 755	274 859	65.3	354 353	25 996	38.3	26.3	7.3
SOUTHWESTERN REGION	3 069 211	170 339	116 924	68.6	220 461	11 510	24.9	25.2	5.2
GRAND TOTAL - ALL REGIONS	42 562 685	2 155 743	1 422 193	66.0	2 439 012	177 666	28.5	29.9	7.3
NEW ENGLAND REGION									
Atlantic & St. Lawrence	15 312	908	574	63.2	1 653	198	17.7	26.7	12.0
Bangor & Aroostook	24 587	1 945	1 187	61.0	3 407	306	18.4	20.7	9.0
Boston & Albany	142 032	8 495	5 509	66.0	8 099	402	33.8	25.3	5.0
Boston & Maine	378 569	22 233	14 859	66.8	36 154	3 529	19.8	25.5	9.8
Canadian Pac. (Lines in Me.)	15 837	753	638	84.7	653	8	37.2	24.8	1.2
Central New England	66 765	3 270	1 984	60.7	2 961	429	35.6	33.7	14.5
Central Vermont	30 186	2 273	1 479	65.1	2 666	190	27.5	20.4	7.1
Maine Central	98 224	6 406	4 072	63.6	10 528	945	19.6	24.1	9.0
New York, New Haven & Hart.	341 113	18 704	13 567	72.5	47 267	4 418	12.8	25.1	9.3
Rutland	26 879	1 340	1 069	79.8	2 069	106	20.9	25.1	5.1
TOTAL - NEW ENGLAND REGION	1 139 504	66 328	45 039	67.9	115 457	10 531	18.5	25.3	9.1
GREAT LAKES REGION									
Ann Arbor	39 678	1 895	1 389	73.2	2 487	273	24.6	28.6	11.0
Buffalo, Rochester & Pitts.	251 562	9 669	6 047	62.5	14 284	941	21.8	41.6	6.6
Chi., Det. & Can. Grd. Trk. Jct.	10 549	464	337	72.6	2 160	266	6.9	31.3	12.3
Delaware & Hudson	404 633	17 491	11 281	64.5	17 969	1 352	31.4	35.9	7.5
Delaware, Lackawanna & West.	532 516	28 275	18 534	65.5	23 903	1 176	38.2	28.7	4.9
Detroit & Mackinac	9 271	575	403	70.2	1 224	155	15.1	23.0	12.7
Detroit & Toledo Shore Line	13 721	617	388	62.9	836	125	23.8	35.4	15.0
Detroit, Grand Haven & Mil.	23 393	1 355	1 009	74.5	2 700	333	16.2	23.2	12.3
Erie (Incl. Chicago & Erie)	1 149 398	61 051	40 012	65.5	55 353	3 780	35.6	28.7	6.8
Grand Trunk Western	121 579	8 204	5 214	63.6	5 398	664	45.0	23.3	12.3
Lehigh & Hudson River	42 923	1 630	1 134	69.6	841	93	62.5	37.9	11.1
Lehigh & New England	24 406	1 114	514	46.1	3 513	174	10.2	47.5	5.0
Lehigh Valley	661 048	30 334	20 142	66.4	33 670	3 130	29.1	32.8	9.3
Michigan Central	432 613	26 327	18 066	68.6	27 337	2 016	31.1	23.9	7.4
Monongahela	31 985	1 249	652	52.2	1 728	53	23.3	49.1	3.1
New Jersey & New York	350	23	14	61.2	122	-	6.0	25.0	-
New York Central	2 279 571	122 758	79 178	64.5	152 153	12 577	26.0	28.8	8.3
New York, Chicago & St. Louis	254 685	15 888	11 098	69.3	11 073	832	46.3	23.1	7.5
New York, Ontario & Western	71 314	3 117	1 975	63.4	5 061	340	19.9	36.1	16.6
New York, Susquehanna & West.	8 541	396	271	68.5	2 018	72	6.3	31.5	3.6
Pere Marquette	253 346	13 106	9 789	74.7	22 038	1 713	19.2	25.9	7.8
Pittsburg & Lake Erie	286 075	9 985	6 819	68.3	27 648	3 010	11.7	42.0	10.9
Pittsburg & Shawmut	14 125	541	285	52.7	791	47	22.1	49.6	5.9
Pittsburg & West Virginia	10 783	438	265	60.6	941	103	15.0	40.7	10.9
Pittsburg, Shawmut & Northern	16 709	717	395	55.0	2 351	1 286	9.8	42.3	54.7
Ulster & Delaware	6 001	275	156	56.7	315	5	28.1	38.4	1.6
Wabash	473 520	24 491	18 427	75.2	24 881	2 049	31.8	25.7	8.2
TOTAL - GREAT LAKES REGION	7 424 300	381 984	253 705	66.4	442 797	37 065	27.8	29.3	8.4
OHIO-INDIANA-ALLEGHENY REGION									
Atlantic City	4 227	211	157	74.4	148	7	46.1	26.9	4.7
Baltimore & Ohio (East & West)	2 087 334	88 038	57 281	65.1	109 535	7 585	25.9	36.4	6.9
Bessemer & Lake Erie	251 089	6 449	5 055	78.4	9 364	925	22.2	49.7	9.9
Buffalo & Susquehanna RR Corp.	28 446	1 093	608	55.6	1 495	192	23.6	46.8	12.8
Central R.R. of New Jersey	257 452	11 783	7 486	63.5	24 942	3 676	15.2	34.4	14.7
Chicago, Indian. & Louisville	116 181	5 389	3 694	68.5	6 124	650	28.4	31.5	10.6
Cincinnati, Indian. & West.	26 919	1 326	928	70.0	2 108	317	20.3	29.0	15.0
Cincinnati Northern	30 618	1 619	987	61.0	1 574	67	33.2	31.0	4.3
Cleve., Cin., Chicago & St. L.	621 612	33 695	21 069	62.5	34 574	2 506	31.4	29.5	7.2
Detroit, Toledo & Ironton	56 274	1 879	1 234	65.7	3 524	580	17.2	45.6	16.5
Hocking Valley	211 368	7 641	4 514	59.1	12 192	2 797	20.2	46.8	22.9
Kanawha & Michigan	50 050	2 294	1 235	53.9	3 043	377	24.3	40.5	12.4
Lake Erie & Western	83 308	4 704	3 075	65.4	5 723	582	26.5	27.1	10.2
Long Island	13 748	981	639	65.2	6 159	208	5.1	21.5	3.4
Pennsylvania System	5 092 079	216 722	141 523	65.3	299 686	11 076	23.3	36.0	3.7
Perkionon	6 642	279	223	79.9	135	-	66.8	29.8	-
Philadelphia & Reading	716 536	28 190	18 497	65.6	40 006	1 927	22.7	38.7	4.8
Port Reading	5 736	230	128	55.8	1 573	14	4.7	44.7	0.9
Staten Island Rapid Transit	a	112	74	66.4	3 334	82	1.1	-	2.5
Toledo & Ohio Central	171 290	6 941	3 749	54.0	9 378	743	23.9	45.7	7.9
Toledo, St. Louis & Western	108 750	5 766	3 925	68.1	3 619	164	51.4	27.7	4.5
Western Maryland	257 879	9 294	5 816	62.6	9 409	597	31.9	44.3	6.2
Wheeling & Lake Erie	155 134	4 724	3 538	74.9	17 012	1 477	13.8	43.6	13.4
TOTAL - OHIO-INDIANA-ALLEGH. REG.	10 352 673	439 361	285 436	65.0	598 658	36 549	23.7	36.3	6.1
POCAHONTAS REGION									
Chesapeake & Ohio	1 162 574	45 817	27 191	59.3	43 245	4 501	34.2	42.8	10.4
Norfolk & Western	1 129 796	41 549	26 012	62.6	36 977	2 237	35.2	43.4	6.0
Rich., Fredericksburg & Potomac	30 911	1 742	1 372	78.8	1 274	171	44.1	22.5	13.4
Virginian	294 635	10 880	5 530	50.8	7 192	344	48.8	53.3	4.8
TOTAL - POCAHONTAS REGION	2 617 919	99 987	60 105	60.1	88 688	7 253	35.4	43.6	8.2

OCTOBER	1920	Frt. car-miles (thousands)			Freight cars on line daily		Efficiency Ratios		
Road	Net ton-miles (thousands)	Total	Loaded	Per cent loaded to total	Total	Unserviceable	Car-miles per day	Tons per car	Per cent of unserviceable cars
	1	2	3	4 = 3 ÷ 2	5	6	7 = $\frac{2 \div 5}{31}$	8 = 1 ÷ 3	9 = 6 ÷ 5
SOUTHERN REGION									
Alabama & Vicksburg	15 456	945	641	67.8	1 568	137	19.4	24.1	8.7
Alabama Great Southern	82 061	4 189	3 116	74.4	3 368	278	40.1	26.3	8.3
Atlanta & West Point	8 166	451	363	80.3	520	44	28.0	22.5	8.5
Atlanta, Birmingham & Atlantic	36 476	1 999	1 363	68.2	2 081	207	31.0	26.8	9.9
Atlantic Coast Line	294 180	19 089	13 176	69.0	25 542	3 871	24.1	22.3	11.2
Carolina, Clinchfield & Ohio	91 330	3 504	2 085	59.5	4 193	381	27.0	42.8	9.1
Central of Georgia	131 343	7 208	4 976	69.0	7 735	424	30.1	26.4	5.5
Charleston & Western Carolina	17 897	816	607	74.4	1 524	130	17.3	29.5	8.5
Cin., New Orleans & Tex. Pac.	132 695	7 199	5 511	76.6	8 053	725	28.8	24.1	9.0
Columbus & Greenville *	4 756	444	281	63.3	718	55	20.0	16.9	7.7
Florida East Coast	46 970	3 822	2 371	62.0	3 328	128	37.1	19.8	3.8
Georgia	31 375	1 877	1 358	72.4	2 350	292	25.8	23.1	12.4
Georgia Southern & Florida	28 787	1 665	1 127	67.7	2 109	245	25.5	25.5	11.6
Gulf & Ship Island	9 829	603	407	67.5	1 383	47	14.1	24.1	3.4
Gulf, Mobile & Northern	30 989	1 430	1 066	74.5	2 375	97	19.4	29.1	4.1
Illinois Central (Incl. Y&MV)	1 603 148	81 787	51 127	62.5	59 168	2 668	44.6	31.4	4.5
Louisville & Nashville	870 562	43 611	27 770	63.7	45 203	6 060	31.1	31.3	13.4
Louisville, Henderson & St. L.	19 322	848	696	82.1	521	20	52.5	27.7	3.8
Mississippi Central	2 706	173	113	65.3	534	44	10.4	24.0	8.2
Mobile & Ohio	190 362	9 223	6 274	68.0	7 574	1 426	39.3	30.3	18.8
Nashville, Chatta. & St. Louis	126 246	7 875	5 140	65.3	7 980	644	31.8	24.6	8.1
New Orleans & Northeastern	54 141	2 549	1 995	78.3	3 387	340	24.3	27.1	10.0
New Orleans Great Northern	9 706	558	377	67.6	1 157	31	15.6	25.7	2.7
Norfolk Southern	23 637	1 589	1 210	76.1	3 141	399	16.3	19.5	12.7
Northern Alabama	8 104	336	207	61.5	953	-	11.4	39.2	-
Seaboard Air Line	225 838	13 256	9 577	72.2	17 200	1 779	24.9	23.6	10.3
Southern	790 938	46 109	31 915	69.2	60 016	2 198	24.8	24.8	3.7
Tennessee Central	12 714	665	447	67.3	1 454	80	14.8	28.4	5.5
Western Ry. of Alabama	10 990	649	460	70.8	749	64	28.0	23.9	8.5
TOTAL - SOUTHERN REGION	4 910 724	264 471	175 757	66.5	275 884	21 814	30.9	27.9	7.9
NORTHWESTERN REGION									
Chicago & Northwestern	1 071 057	66 267	43 605	65.8	81 582	6 230	26.2	24.6	7.6
Chicago, St. Paul, Minn. & Omaha	178 614	9 797	7 316	74.7	13 265	1 456	23.8	24.4	11.0
Chicago Great Western	153 925	8 877	6 318	71.2	9 549	1 135	30.0	24.4	11.9
Chicago, Milwaukee & St. Paul	1 232 433	70 939	47 034	66.3	66 909	4 807	34.2	26.2	7.2
Duluth & Iron Range	106 174	4 209	2 151	51.1	6 712	248	20.2	49.4	3.7
Duluth, Missabe & Northern	215 227	8 759	4 494	51.3	9 343	76	30.2	47.9	0.8
Duluth, South Shore & Atlantic	30 562	1 660	1 186	71.5	3 234	199	16.6	25.8	6.2
Duluth, Winnipeg & Pacific	20 044	1 138	813	71.4	2 007	146	18.3	24.7	7.3
Elgin, Joliet & Eastern	199 961	7 339	5 115	69.7	15 574	1 113	15.2	39.1	7.1
Great Northern	1 025 196	53 057	34 644	65.3	51 761	4 333	33.1	29.6	8.4
Lake Superior & Ishpeming	6 441	233	117	50.1	915	24	8.2	55.2	2.6
Mineral Range	1 794	86	50	58.5	761	17	3.6	35.6	2.2
Minneapolis & St. Louis	145 211	6 719	4 940	73.5	8 254	773	26.3	29.4	9.4
Minn., St. Paul & S. S. Marie	373 912	21 578	14 843	68.8	24 588	1 949	28.3	25.2	7.9
Northern Pacific	841 141	41 943	30 184	72.0	38 620	4 008	35.0	27.9	10.4
Oregon-Washington RR & Nav. Co.	163 229	8 037	5 898	73.4	7 261	353	35.7	27.7	4.9
Spokane, Portland & Seattle	43 137	1 880	1 660	88.3	2 379	81	25.5	26.0	3.4
TOTAL - NORTHWESTERN REGION	5 808 058	312 518	210 368	67.3	342 714	26 948	29.4	27.6	7.9
CENTRAL WESTERN REGION									
Arizona Eastern	10 644	548	318	58.0	762	16	23.2	34.1	2.1
Atchison, Topeka & Santa Fe	1 158 224	79 200	52 017	65.7	64 501	5 605	39.6	22.3	8.7
Bingham & Garfield	738	23	14	61.2	220	6	3.4	52.3	2.7
Chicago & Alton	216 738	12 395	8 089	65.3	16 832	594	23.8	26.8	3.5
Chicago & Eastern Illinois	273 845	12 727	8 014	63.0	13 420	2 088	30.6	34.2	15.6
Chicago, Burlington & Quincy	1 565 410	87 326	53 066	60.8	74 508	5 781	37.8	29.5	7.8
Chicago, Peoria & St. Louis	22 254	843	669	79.4	1 538	77	17.7	33.3	5.0
Chi., R.I. & Pac. (Incl. CRI&G)	806 434	46 131	31 266	67.8	47 759	4 137	31.2	25.8	8.7
Chicago, Terre Haute & S. E.	61 187	2 823	1 526	54.1	5 422	545	16.8	40.1	10.1
Colorado & Southern	93 230	5 028	3 125	62.2	6 819	638	23.8	29.8	9.4
Denver & Rio Grande	216 177	12 438	8 186	65.6	16 836	1 005	23.9	26.4	6.0
Denver & Salt Lake	22 234	1 097	590	53.8	1 243	152	28.5	37.8	12.2
El Paso & Southwestern	92 566	4 876	3 111	63.8	3 600	187	43.7	29.8	5.2
Fort Worth & Denver City	69 421	4 304	2 619	60.9	4 430	383	31.3	26.5	8.6
Los Angeles & Salt Lake	85 028	5 228	3 564	68.2	3 643	200	46.3	23.9	5.5
Nevada Northern	2 646	117	70	60.0	191	-	19.7	37.7	-
Northwestern Pacific	12 394	960	626	65.3	1 702	75	18.2	19.8	4.4
Oregon Short Line	293 384	16 995	10 063	62.5	11 273	476	46.1	29.2	4.2
Quincy, Omaha & Kansas City	8 587	415	281	67.7	373	7	35.9	30.5	1.9
Southern Pac. Lines (Pac. Sys.)	977 182	55 605	39 419	70.9	48 366	2 106	37.1	24.8	4.4
St. Joseph & Grand Island	23 071	1 252	909	72.6	727	152	55.5	25.4	20.9
Toledo, Peoria & Western	7 580	401	263	65.7	975	118	13.3	28.8	12.1
Union Pacific	1 052 239	62 520	41 772	66.8	24 001	1 453	84.0	25.2	6.1
Utah	17 040	667	344	51.6	750	13	28.7	49.6	1.7
Western Pacific	151 784	7 686	4 936	64.2	4 462	182	55.6	30.8	4.1
TOTAL - CENTRAL WESTERN REGION	7 240 296	420 755	274 659	65.3	354 353	25 595	38.3	26.3	7.3

* Formerly Southern Railway Co. in Mississippi.

OCTOBER	1920	Frt. car-miles (thousands)			Freight cars on line daily		Efficiency Ratios		
Road	Net ton-miles (thousands)	Total	Loaded	Per cent loaded to total 4= 3 ÷ 2	Total	Unserviceable	Car-miles per day 7 = $\frac{2 \div 5}{31}$	Tons per car 8=1 ÷ 3	Per cent of unserviceable cars 9 = 6 ÷ 5
	1	2	3		5	6			
SOUTHWESTERN REGION									
Fort Worth & Rio Grande	4 188	309	221	71.7	697	30	14.3	18.9	4.3
Gulf Coast Lines	65 356	3 641	2 533	69.6	4 736	325	24.8	25.8	6.9
Gulf, Colorado & Santa Fe	180 317	10 084	6 987	69.3	11 501	611	28.3	25.8	5.3
International & Great Nor.	94 421	5 447	3 791	69.6	7 011	302	25.1	24.9	4.3
Kansas City, Mexico & Orient	10 953	545	420	77.0	828	229	21.2	26.1	2.8
Kan. City, Mex. & Orient of Tex.	11 810	654	517	79.0	1 013	126	20.8	22.8	12.4
Kansas City Sou. (Incl. T&SF)	181 507	7 984	6 139	76.9	6 522	313	39.5	29.6	4.8
Kansas, Oklahoma & Gulf	17 665	971	579	59.7	1 508	244	19.5	30.5	15.2
Louisiana & Arkansas	19 329	1 121	690	61.6	1 561	40	23.2	28.0	2.6
Louisiana Ry. & Nav. Co.	23 247	1 083	831	76.7	3 224	81	10.8	28.0	2.5
Midland Valley	19 045	1 269	684	53.9	2 372	44	17.3	27.8	1.9
Missouri & North Arkansas	7 604	397	285	71.9	809	31	15.8	26.7	3.8
Missouri, Kansas & Texas	205 781	13 704	8 234	60.1	14 727	1 128	30.0	25.0	7.7
Missouri, Kan. & Tex. of Tex.	148 346	9 242	5 875	63.6	13 586	551	21.9	25.3	4.1
Missouri Pacific	842 745	42 930	30 825	71.8	55 923	2 824	24.8	27.3	5.0
St. Louis - San Francisco	432 649	24 975	16 544	66.2	36 184	1 598	22.3	26.2	4.4
St. Louis, San Francisco & Tex.	10 191	546	397	72.8	1 239	54	14.2	25.7	4.4
St. Louis Southwestern	131 115	7 652	5 310	69.4	7 687	279	32.1	24.7	3.6
St. Louis Southwestern of Tex.	41 087	2 723	1 869	68.6	3 732	200	23.5	22.0	5.4
San Antonio & Aransas Pass	19 902	1 469	1 052	71.6	1 912	121	24.8	18.9	6.3
Sou. Pac. Lines (Tex. & La.)	384 799	20 284	14 035	69.2	24 354	1 084	26.9	27.4	4.4
Texas & Pacific	174 025	10 892	7 429	68.2	14 442	1 044	24.3	23.4	7.2
Trinity & Brazos Valley	17 791	850	643	75.7	1 340	150	20.5	27.7	11.2
Vicksburg, Shreveport & Pac.	15 728	894	603	67.5	1 611	88	17.9	26.1	5.5
Wichita Falls & Northwestern	4 813	334	191	57.1	1 243	9	8.7	25.2	0.7
Wichita Valley	4 797	337	241	71.5	589	4	18.5	19.9	0.7
TOTAL-SOUTHWESTERN REGION	3 069 211	170 339	116 924	68.6	220 461	11 510	24.9	26.2	5.2

a Data not available.

MONTHLY SUMMARY - UNITED STATES

January 1917 to October 1920

Month	Car-miles per day				Tons per car (Revenue and Non-Revenue)				Percentage of unserviceable cars				Per cent loaded to total car-miles			
	1917	1918	1919	1920	1917	1918	1919	1920	1917	1918	1919	1920	1917	1918	1919	1920
January	25.2	18.3	21.4	22.8	26.4	29.6	29.0	28.3	5.6	5.1	6.0	6.6	70.1	70.0	66.2	70.9
February	33.9	22.0	20.3	22.3	26.1	28.4	27.7	28.3	5.5	5.2	5.6	6.5	71.5	70.9	67.5	72.0
March	25.6	24.9	20.4	23.8	26.4	28.1	27.6	28.3	5.4	5.0	5.6	7.0	70.8	71.4	68.1	72.3
April	27.4	25.9	21.0	19.4	25.6	29.4	27.3	28.6	5.8	5.1	6.4	6.5	71.6	68.0	66.1	68.3
May	29.0	26.4	22.8	24.2	26.7	27.7	27.7	28.3	5.6	5.4	7.3	6.6	70.1	66.8	67.4	71.2
June	28.4	26.8	23.0	25.0	27.8	28.3	27.5	29.0	5.6	5.9	8.1	7.0	68.7	66.8	67.9	69.5
July	28.3	26.5	24.1	26.1	27.1	30.1	27.8	29.6	6.0	6.9	8.7	7.2	67.9	64.7	68.0	67.8
August	27.1	26.0	24.2	27.4	27.9	30.1	28.0	29.8	6.0	6.6	9.2	7.1	68.7	67.6	70.4	68.2
September	26.6	26.8	26.5	26.1	27.0	29.7	28.3	30.0	5.8	6.2	8.5	7.2	70.0	66.9	66.6	67.0
October	26.3	26.2	27.3	28.5	27.7	29.7	28.0	29.9	5.6	6.0	7.4	7.3	71.5	67.9	68.4	66.0
November	26.2	24.6	23.3	-	27.2	29.5	26.2	-	5.2	5.6	6.3	-	71.0	67.1	71.3	-
December	21.3	22.8	22.3	-	29.2	29.8	27.7	-	5.2	5.8	6.2	-	70.9	65.9	71.1	-
Total	26.1	24.9	23.1	-	27.0	29.1	27.8	-	5.6	5.7	7.1	-	70.2	67.7	68.7	-

BUREAU OF RAILWAY ECONOMICS

WASHINGTON, D. C.

FREIGHT CAR PERFORMANCE

November 1920

The accompanying statistics of freight car performance for the month of November, 1920, are compiled from the reports of railways of Class I to the Interstate Commerce Commission.

Railways of Class I are those with annual operating revenues above \$1,000,000. Their operated mileage approximates 90 per cent of the total standard gauge steam railway mileage of the United States, and their owned freight cars 96 per cent of all standard gauge railway-owned freight cars. The operations included in this statement for November cover 231,565 miles of line.

Net ton-miles include revenue and non-revenue freight throughout. Freight car-miles include all mileage made by freight cars in freight, mixed, special, and other trains. Unserviceable freight cars are those in or awaiting shop, including all "bad order" cars.

The significant factors for the month of November, compared with the same month of the previous year, were as follows:

	Month of November	
	<u>1920</u>	<u>1919</u>
Per cent of loaded car-miles.....	63.2	71.3
Car-miles per day.....	26.8	23.3
Tons per loaded car.....	30.5	26.2
Per cent of unserviceable cars.....	7.5	6.3

The average car loading for November, expressed in terms of tons per loaded car, was the highest ever recorded for a single month.

NOVEMBER Road	1920 Net ton-miles (thousands)	Frt.car-miles (thousands)			Freight cars on line daily		Efficiency Ratios		
		Total	Loaded	Per cent loaded to total	Total	Unser- viceable	Car-miles per day	Tons per car	Per cent of unservice- able cars
		2	3	4 = 3 ÷ 2	5	6	7 = $\frac{2 \div 5}{30}$	8 = 1 ÷ 3	9 = 6 ÷ 5
NEW ENGLAND REGION	936 954	56 121	37 185	66.3	101 217	10 699	18.5	25.2	10.6
GREAT LAKES REGION	6 641 619	342 306	219 670	64.2	420 452	37 061	27.1	30.2	8.8
OHIO-INDIANA-ALLEGHENY REG.	9 191 701	397 740	251 269	63.2	592 279	37 483	22.4	36.6	6.3
POCAHONTAS REGION	2 263 748	88 172	51 981	59.0	92 395	7 362	31.8	43.5	8.0
SOUTHERN REGION	4 484 338	249 581	158 063	63.3	293 063	24 446	29.4	28.4	8.6
NORTHWESTERN REGION	4 826 908	277 442	172 627	62.2	350 071	27 417	26.4	28.0	7.8
CENTRAL WESTERN REGION	6 336 959	375 410	233 789	62.3	358 062	25 643	34.9	27.1	7.2
SOUTHWESTERN REGION	2 776 397	157 232	103 968	66.1	221 085	11 484	23.7	26.7	5.2
GRAND TOTAL - ALL REGIONS	37 458 624	1 944 004	1 228 552	63.2	2 418 625	181 595	26.8	30.5	7.5
NEW ENGLAND REGION									
Atlantic & St. Lawrence	27 405	1 499	845	56.4	1 742	204	28.7	32.4	11.7
Bangor & Aroostook	21 907	1 666	1 049	63.0	3 496	334	15.8	20.9	9.6
Boston & Albany	116 152	7 281	4 753	65.3	7 528	484	32.2	24.4	6.4
Boston & Maine	315 103	17 932	12 172	67.9	31 470	3 566	19.0	25.9	11.3
Canadian Pac. (Lines in Me.)	21 269	1 100	764	69.4	731	13	50.2	27.8	1.8
Central New England	47 261	2 722	1 477	54.3	1 838	319	49.4	32.0	17.4
Central Vermont	24 552	1 855	1 172	63.2	2 294	204	26.9	20.9	8.9
Maine Central	85 652	5 603	3 595	64.2	10 572	905	17.7	23.8	8.6
New York, New Haven & Hart.	258 220	15 455	10 541	68.2	39 745	4 543	13.0	24.5	11.4
Putland	19 433	1 008	818	81.2	1 801	127	18.7	23.7	7.1
TOTAL - NEW ENGLAND REGION	936 954	56 121	37 185	66.3	101 217	10 699	18.5	25.2	10.6
GREAT LAKES REGION									
Ann Arbor	35 091	1 525	1 176	77.1	2 188	300	23.2	29.8	13.7
Buffalo, Rochester & Pitts.	297 682	8 701	5 097	58.6	13 854	1 045	20.9	58.4	7.5
Chgo., Det. & Can. Grd. Trk. Jct.	9 125	512	281	55.0	1 935	246	8.8	32.4	12.7
Delaware & Hudson	352 573	15 733	9 711	61.7	16 608	1 343	31.6	36.3	8.1
Delaware, Lackawanna & West.	480 834	24 943	16 595	66.5	24 050	1 328	34.6	29.0	5.5
Detroit & Mackinac	7 155	440	302	68.7	1 158	164	12.7	23.7	14.2
Detroit & Toledo Shore Line	13 816	672	379	56.4	886	120	25.3	36.5	13.5
Detroit, Grand Haven & Mil.	17 569	1 045	746	71.4	2 418	308	14.4	23.6	12.7
Erie (Incl. Chicago & Erie)	1 028 789	54 281	34 323	63.2	53 742	3 712	33.7	30.0	6.9
Grand Trunk Western	101 587	7 325	4 322	59.0	4 836	616	50.5	23.5	12.7
Lehigh & Hudson River	33 438	1 373	914	66.5	854	88	53.6	36.6	10.3
Lehigh & New England	18 410	809	409	50.6	3 048	147	8.8	45.0	4.8
Lehigh Valley	547 245	26 063	16 673	64.0	31 010	3 130	28.0	32.8	10.1
Michigan Central	346 968	22 345	14 505	64.9	26 838	1 938	27.8	23.9	7.2
Monongahela	29 347	1 025	551	53.7	1 494	48	22.9	53.3	3.2
New Jersey & New York	283	22	12	55.1	100	-	7.2	23.9	-
New York Central	2 097 957	112 845	70 535	62.5	142 294	12 244	26.4	29.7	8.6
New York, Chicago & St. Louis	221 256	15 197	9 870	64.9	9 512	763	53.3	22.4	8.0
New York, Ontario & Western	60 921	2 769	1 737	62.7	4 847	810	19.0	35.1	16.7
New York, Susquehanna & West.	6 593	313	210	67.0	2 269	47	4.6	31.4	2.1
Pere Marquette	205 197	11 511	7 921	68.8	19 600	1 659	19.6	25.9	8.5
Pittsburg & Lake Erie	257 161	8 695	6 029	69.3	27 386	3 166	10.6	42.7	11.6
Pittsburg & Shawmut	13 094	529	268	50.7	937	58	18.8	48.8	6.2
Pittsburg & West Virginia	11 022	410	261	63.6	929	107	14.7	42.3	11.5
Pittsburg, Shawmut & Northern	12 612	574	299	52.0	2 293	1 272	8.3	42.2	55.5
Ulster & Delaware	4 729	231	133	57.7	299	5	25.8	35.5	1.7
Wabash	431 165	22 417	16 411	73.2	25 067	2 397	29.8	26.3	9.6
TOTAL - GREAT LAKES REGION	6 641 619	342 306	219 670	64.2	420 452	37 061	27.1	30.2	8.8
OHIO-INDIANA-ALLEGHENY REGION									
Atlantic City	3 959	208	153	73.6	168	5	41.2	25.9	3.0
Baltimore & Ohio (East & West)	1 793 263	80 445	49 685	61.8	112 294	7 172	23.9	36.1	6.4
Bessemer & Lake Erie	186 266	4 724	3 710	78.5	9 393	1 120	16.8	50.2	11.9
Buffalo & Susquehanna R.R. Corp.	23 951	820	514	57.8	1 453	198	20.4	46.6	13.6
Central R.R. of New Jersey	235 799	11 023	6 694	60.7	24 910	3 911	14.7	35.2	15.7
Chicago, Indianapolis & Louis.	97 316	4 707	3 068	65.2	5 291	634	24.9	31.7	10.1
Cincinnati, Indian. & Western	26 024	1 181	844	71.5	1 826	380	21.6	30.8	20.8
Cincinnati Northern	24 862	1 179	758	64.3	1 177	66	33.4	32.8	5.6
Cleve., Cin., Chgo. & St. Louis	613 049	32 050	19 710	61.5	33 800	3 221	31.6	31.1	9.5
Detroit, Toledo & Ironton	52 865	1 968	1 253	63.7	3 415	548	19.2	42.2	16.0
Hocking Valley	179 693	6 958	3 894	56.0	13 117	3 058	17.7	46.1	23.3
Kanawha & Michigan	53 926	2 380	1 273	53.5	3 804	454	20.9	42.4	11.9
Lake Erie & Western	69 213	3 102	2 463	79.4	5 143	814	20.1	28.1	15.8
Long Island	10 667	912	566	62.0	5 727	193	5.3	18.9	3.4
Pennsylvania System	4 536 121	194 675	124 235	63.8	291 852	10 559	22.2	36.5	3.6
Perkiomen	7 272	321	224	69.8	140	-	76.5	32.4	-
Philadelphia & Reading	657 844	26 519	16 737	63.1	39 353	2 200	22.5	39.3	5.6
Port Reading	7 003	307	157	51.1	1 814	27	5.6	44.7	1.5
Staten Island Rapid Transit	a	98	66	66.9	2 699	50	1.2	-	1.9
Toledo & Ohio Central	138 671	5 900	3 146	53.3	9 632	839	20.4	44.1	8.7
Toledo, St. Louis & Western	94 324	4 896	3 425	70.0	3 450	201	47.3	27.5	5.8
Western Maryland	244 310	8 973	5 496	61.3	10 159	664	29.4	44.5	6.5
Wheeling & Lake Erie	135 304	4 324	3 199	74.0	10 621	1 169	13.6	42.3	11.0
TOTAL- OHIO-INDIANA-ALLEGH. REG.	9 191 701	397 740	251 269	63.2	592 279	37 483	22.4	36.6	6.3
POCAHONTAS REGION									
Chesapeake & Ohio	995 675	39 567	23 415	59.2	44 245	3 916	29.8	42.5	8.9
Norfolk & Western	987 186	37 678	22 545	59.8	39 755	2 880	31.6	43.8	7.2
Rich., Fredericks. & Potomac	28 706	1 886	1 336	70.9	1 253	156	50.2	21.5	12.5
Virginian	252 182	9 041	4 685	51.8	7 143	410	42.2	53.8	5.7
TOTAL - POCAHONTAS REGION	2 263 748	88 172	51 981	59.0	92 396	7 362	31.8	43.5	8.0

NOVEMBER	1920	Frt. car-miles (thousands)			Freight cars on line daily		Efficiency Ratios		
Road	Net ton-miles (thousands)	Total	Loaded	Per cent loaded to total	Total	Unserviceable	Car-miles per day	Tons per car	Per cent of unserviceable cars
	1	2	3	4 = 3 ÷ 2	5	6	7 = $\frac{2+5}{30}$	8 = 1 ÷ 3	9 = 6 ÷ 5
SOUTHERN REGION									
Alabama & Vicksburg	16 612	953	656	68.8	1 625	119	19.5	25.3	7.3
Alabama Great Southern	74 802	4 202	2 812	66.9	3 705	338	37.8	26.6	9.1
Atlanta & West Point	6 661	382	296	77.5	460	43	27.7	22.5	9.3
Atlanta, Birmingham & Atlantic	34 614	2 149	1 424	66.3	2 033	332	35.2	24.3	16.3
Atlantic Coast Line	320 510	21 995	14 286	64.9	29 224	2 896	25.1	22.4	9.9
Carolina, Clinchfield & Ohio	73 946	3 204	2 061	64.3	3 885	385	27.5	35.9	9.9
Central of Georgia	115 170	6 416	4 185	65.2	7 180	549	29.8	27.5	7.6
Charleston & Western Carolina	19 665	855	633	74.0	1 513	77	18.8	31.1	5.1
Cin., New Orleans & Texas Pac.	114 539	6 537	4 688	71.7	8 870	737	24.6	24.4	8.3
Columbus & Greenville *	6 442	344	245	71.4	848	79	13.5	26.2	9.3
Florida East Coast	40 874	3 433	2 038	59.4	3 037	152	37.7	20.1	5.0
Georgia	24 181	1 459	1 033	70.8	2 044	361	23.8	23.4	17.7
Georgia Southern & Florida	25 555	1 664	950	57.1	2 637	243	21.0	26.9	9.2
Gulf & Ship Island	8 887	525	354	67.3	1 419	46	12.3	25.1	3.2
Gulf, Mobile & Northern	28 431	1 370	983	71.8	3 123	119	14.6	28.9	3.8
Illinois Central (Incl. Y&MV)	1 459 905	75 408	45 164	59.9	60 147	2 703	41.8	32.3	4.5
Louisville & Nashville	798 068	40 915	25 185	61.6	46 932	7 971	29.1	31.7	17.0
Louie., Henderson & St. Louis	22 672	879	658	74.9	568	21	51.6	34.5	3.7
Mississippi Central	1 614	124	82	66.4	619	82	6.7	19.6	13.2
Mobile & Ohio	171 583	8 132	5 649	69.5	8 149	1 426	33.3	30.4	17.5
Nashville, Chatta. & St. Louis	104 842	6 717	4 350	64.8	7 316	722	30.6	24.1	9.9
New Orleans & Northeastern	41 167	2 257	1 570	69.6	3 779	342	19.9	26.2	9.1
New Orleans Great Northern	8 413	479	314	65.6	1 106	34	14.4	26.8	3.1
Norfolk Southern	20 396	1 381	1 074	77.8	3 049	442	15.1	19.0	14.5
Northern Alabama	7 735	332	197	59.4	986	-	11.2	39.2	-
Seaboard Air Line	217 075	12 722	9 176	72.1	17 921	2 053	23.7	23.7	11.5
Southern	700 745	43 684	27 252	62.4	58 776	2 042	24.8	25.7	3.5
Tennessee Central	10 714	534	382	71.5	1 476	72	12.1	28.1	4.9
Western Ry. of Alabama	8 523	530	364	68.7	636	60	27.8	23.4	9.4
TOTAL - SOUTHERN REGION	4 484 338	249 581	158 063	63.3	283 063	24 446	29.4	28.4	8.6
NORTHWESTERN REGION									
Chicago & Northwestern	947 977	54 576	33 987	62.3	79 669	5 795	22.8	27.9	7.3
Chicago, St. Paul, Minn. & Omaha	149 823	9 464	6 161	65.1	12 848	1 794	24.6	24.3	14.0
Chicago Great Western	134 540	8 341	5 626	67.4	9 511	1 245	29.2	23.9	13.1
Chicago, Milwaukee & St. Paul	1 010 955	62 783	38 261	60.9	68 902	5 132	30.4	26.4	7.4
Duluth & Iron Range	60 085	2 461	1 262	51.3	6 709	361	12.2	47.6	5.4
Duluth, Missabe & Northern	110 545	4 501	2 395	53.2	9 451	128	15.9	46.2	1.4
Duluth, South Shore & Atlantic	24 839	1 821	1 386	76.1	3 288	184	18.5	17.9	5.6
Duluth, Winnipeg & Pacific	19 464	1 067	569	53.3	2 547	211	14.0	34.2	8.3
Elgin, Joliet & Eastern	183 340	6 348	4 329	68.2	15 901	1 219	13.3	42.4	7.7
Great Northern	835 319	44 673	28 533	63.9	52 052	4 024	28.6	29.3	7.7
Lake Superior & Ishpeming	4 006	147	79	54.1	815	38	6.0	50.5	4.7
Mineral Range	1 545	72	42	57.9	838	15	2.9	37.1	1.8
Minneapolis & St. Louis	125 000	6 336	4 172	65.9	8 375	912	25.2	30.0	10.9
Minn., St. Paul & S. S. Marie	321 369	21 225	13 272	62.5	25 681	1 641	27.5	24.2	6.4
Northern Pacific	716 194	44 162	25 906	58.7	42 072	4 100	35.0	27.6	9.7
Oregon-Wash. R.R. & Nav. Co.	147 848	7 931	5 317	67.0	9 580	544	27.6	27.8	5.7
Spokane, Portland & Seattle	34 060	1 535	1 331	86.8	1 832	74	27.9	25.6	4.0
TOTAL - NORTHWESTERN REGION	4 826 908	277 442	172 627	62.2	350 071	27 417	26.4	28.0	7.8
CENTRAL WESTERN REGION									
Arizona Eastern	11 181	535	318	59.5	819	19	21.8	35.1	2.3
Atchison, Topeka & Santa Fe	1 025 218	73 149	44 817	61.3	64 518	5 177	37.8	22.9	8.0
Bingham & Garfield	726	20	14	66.1	237	4	2.9	53.8	1.7
Chicago & Alton	200 394	10 830	6 813	62.9	15 493	532	23.3	29.4	3.4
Chicago & Eastern Illinois	237 349	11 207	6 867	61.3	14 231	1 976	26.2	34.6	13.9
Chicago, Burlington & Quincy	1 383 803	77 292	46 180	59.7	77 017	5 543	33.5	30.0	7.2
Chicago, Peoria & St. Louis	21 038	890	662	74.4	1 458	82	20.3	31.8	5.6
Chicago, R.I. & Pac. (Incl. CRI&G)	726 954	42 282	28 525	67.5	47 385	3 903	29.7	25.5	8.2
Chicago, Terre Haute & S. E.	64 855	2 720	1 334	49.1	5 133	561	17.7	48.6	10.9
Colorado & Southern	91 661	5 055	2 911	57.6	7 787	620	21.6	31.5	8.0
Denver & Rio Grande	201 081	11 055	7 172	64.9	17 568	1 010	21.0	28.0	5.7
Denver & Salt Lake	17 078	899	490	54.5	1 286	125	23.3	34.8	9.7
El Paso & Southwestern	87 644	4 969	3 086	62.1	3 916	186	42.3	24.4	4.7
Fort Worth & Denver City	62 400	3 989	2 452	61.5	4 584	429	29.0	25.4	9.4
Los Angeles & Salt Lake	78 807	5 464	3 232	59.2	4 088	245	44.6	24.4	6.0
Nevada Northern	3 291	139	86	61.9	214	3	21.7	38.1	1.4
Northwestern Pacific	9 748	704	484	68.8	1 717	53	13.7	20.1	3.1
Oregon Short Line	272 833	14 561	9 014	61.9	12 539	793	38.7	30.3	6.3
Quincy, Omaha & Kansas City	6 917	378	243	64.3	387	7	32.5	28.5	1.8
Sou. Pac. Lines (Pac. Sys.)	835 463	48 078	31 265	65.0	43 821	2 094	36.6	26.1	4.8
St. Joseph & Grand Island	18 649	1 064	765	69.9	746	130	48.9	24.4	17.4
Toledo, Peoria & Western	5 958	342	209	60.9	911	111	12.5	28.6	12.2
Union Pacific	870 702	52 929	32 977	62.3	27 113	1 830	65.1	26.4	6.7
Utah	14 267	594	297	50.0	938	13	21.1	48.0	1.4
Western Pacific	108 943	6 234	3 575	57.4	4 156	197	50.0	30.5	4.7
TOTAL - CENTRAL WESTERN REGION	6 336 959	375 410	233 789	62.3	358 062	25 643	34.9	27.1	7.2

* Formerly Southern Railway Co. in Mississippi

NOVEMBER	1920	Frt. car-miles (thousands)			Freight cars on line daily		Efficiency Ratios		
Road	Net ton-miles (thousands)	Total	Loaded	Per cent loaded to total	Total	Unserviceable	Car-miles per day	Tons per car	Per cent of unserviceable cars
	1	2	3	4= 3 ÷ 2	5	6	7 = $\frac{2 \div 5}{30}$	8=1 ÷ 3	9 = 6 ÷ 5
SOUTHWESTERN REGION									
Fort Worth & Rio Grande	3 856	292	199	68.2	677	31	14.4	19.3	4.6
Gulf Coast Lines	53 751	3 387	2 098	61.9	4 764	316	23.7	25.6	6.6
Gulf, Colorado & Santa Fe	148 033	10 189	5 953	58.4	10 821	466	31.4	24.9	4.3
International & Great Nor.	93 736	5 239	3 334	63.6	6 282	341	27.8	28.1	5.4
Kansas City, Mexico & Orient	7 619	443	339	76.3	731	140	20.2	22.5	19.2
Kan. City, Mex. & Orient of Tex.	9 192	629	444	70.7	1 009	89	20.8	20.7	8.8
Kansas City Sou. (Incl. T&SF)	156 531	7 018	5 234	74.6	6 791	259	34.4	29.9	3.8
Kansas, Oklahoma & Gulf	16 163	954	564	59.2	1 973	246	16.1	32.2	12.5
Louisiana & Arkansas	23 823	1 420	801	56.4	2 014	48	23.5	29.7	2.4
Louisiana Ry. & Nav. Co.	23 705	1 353	852	63.0	1 963	111	23.0	27.8	5.7
Midland Valley	17 000	1 190	706	59.3	2 828	36	14.0	24.1	1.3
Missouri & North Arkansas	6 860	349	254	72.8	669	40	17.4	27.0	6.0
Missouri, Kansas & Texas	181 512	12 502	7 088	56.7	14 973	1 105	27.8	25.6	7.4
Missouri, Kan. & Tex. of Tex.	136 232	8 597	5 300	61.7	14 222	629	20.1	25.7	4.4
Missouri Pacific	747 967	37 151	26 482	71.3	54 009	2 869	22.9	28.2	5.3
St. Louis-San Francisco	401 188	22 591	14 896	65.9	35 551	1 460	21.2	26.9	4.1
St. Louis, San Francisco & Tex.	8 331	488	319	65.3	1 199	55	13.6	26.1	4.6
St. Louis Southwestern	136 772	7 710	5 211	67.6	7 934	281	32.4	26.2	3.5
St. Louis Southwestern of Tex.	36 706	2 329	1 557	66.8	3 398	159	22.9	23.6	4.7
San Antonio & Aransas Pass	18 320	1 278	878	68.7	1 949	146	21.9	20.9	7.5
Sou. Pac. Lines (Texas & La.)	333 278	18 764	12 594	67.1	26 555	1 346	23.6	26.5	5.1
Texas & Pacific	169 599	10 585	7 144	67.5	15 488	985	22.8	23.7	6.4
Trinity & Brazos Valley	17 325	1 023	664	64.9	1 198	207	29.5	26.1	17.3
Vicksburg, Shreveport & Pac.	17 653	1 115	655	58.7	2 344	106	15.9	27.0	4.5
Wichita Falls & Northwestern	4 489	307	180	58.6	1 164	10	8.8	25.0	0.9
Wichita Valley	4 755	329	222	67.5	579	3	18.9	21.4	0.5
TOTAL-SOUTHWESTERN REGION	2 776 397	157 232	103 968	66.1	221 085	11 484	23.7	26.7	5.2

a Data not available.

MONTHLY SUMMARY - UNITED STATES

January 1917 to November 1920

Month	Car-miles per day				Tons per car (Revenue and Non-Revenue)				Percentage of unserviceable cars				Per cent loaded to total car-miles			
	1917	1918	1919	1920	1917	1918	1919	1920	1917	1918	1919	1920	1917	1918	1919	1920
January	25.2	18.3	21.4	22.8	26.4	29.6	29.0	28.3	5.6	5.1	6.0	6.6	70.1	70.0	66.2	70.9
February	23.9	22.0	20.3	22.3	26.1	28.4	27.7	28.3	5.5	5.2	5.6	6.5	71.5	70.9	67.5	72.0
March	25.6	24.9	20.4	23.8	25.4	28.1	27.6	28.3	5.4	5.0	5.6	7.0	70.8	71.4	68.1	72.3
April	27.4	25.9	21.0	19.4	25.6	29.4	27.3	28.6	5.8	5.1	6.4	6.5	71.6	68.0	68.1	68.3
May	29.0	26.4	22.8	24.2	26.7	27.7	27.7	28.3	5.6	5.4	7.3	6.6	70.1	66.8	67.4	71.2
June	28.4	26.8	23.0	25.0	27.8	28.3	27.5	29.0	5.6	5.9	8.1	7.0	68.7	66.8	67.9	69.5
July	28.3	26.5	24.1	26.1	27.1	30.1	27.8	29.6	6.0	6.9	8.7	7.2	67.9	64.7	58.0	67.8
August	27.1	26.0	24.2	27.4	27.9	30.1	28.0	29.8	6.0	6.6	9.2	7.1	68.7	67.6	70.4	68.2
September	26.6	26.8	26.5	28.1	27.0	29.7	28.3	30.0	5.8	6.2	8.5	7.2	70.0	66.9	69.6	67.0
October	26.3	26.2	27.3	28.5	27.7	29.7	28.0	29.9	5.6	6.0	7.4	7.3	71.5	67.9	68.4	66.0
November	26.2	24.6	23.3	26.8	27.2	29.5	26.2	30.5	5.2	5.6	6.3	7.5	71.0	67.1	71.3	63.2
December	21.3	22.8	22.3	-	29.2	29.8	27.7	-	5.2	5.8	6.2	-	70.9	65.9	71.1	-
Total	26.1	24.9	23.1	-	27.0	29.1	27.8	-	5.6	5.7	7.1	-	70.2	67.7	68.7	-

BUREAU OF RAILWAY ECONOMICS
WASHINGTON, D. C.

FREIGHT CAR PERFORMANCE

December 1920

The accompanying statistics of freight car performance for the month of December, 1920, are compiled from the reports to the Interstate Commerce Commission of railways of Class I, with an operated mileage of 231,691 miles.

The significant factors for the month of December, compared with the same month of the previous year, were as follows:

	Month of December	
	<u>1920</u>	<u>1919</u>
Per cent of loaded car-miles.....	60.3	71.1
Car-miles per day.....	24.8	22.3
Tons per loaded car.....	31.2	27.7
Per cent of unserviceable cars.....	7.9	6.2

The average car loading for December, expressed in terms of tons per loaded car, was 31.2 tons, the highest ever recorded for a single month.

NOTICE

This is the final issue of Freight Car Performance as a separate monthly bulletin. Beginning with the returns for the month of January, 1921, data corresponding to that contained herein will appear in the monthly bulletin of the Bureau of Railway Economics entitled, "Summary of Operating Statistics".

DECEMBER	1920	Frt. car-mile (thousands)			Freight cars on line daily		Efficiency Ratios		
Road	Net ton-mile (thousands)	Total	Loaded	Per cent loaded to total 4= 3 ÷ 2	Total	Unserviceable	Car-mile per day 7 = $\frac{2+5}{31}$	Tons per car 8=1 + 3	Per cent of unserviceable cars 9 = 6 ÷ 5
	1	2	3		5	6			
NEW ENGLAND REGION	929 146	54 551	35 658	65.4	101 811	10 849	17.3	26.1	10.7
GREAT LAKES REGION	6 351 575	335 475	205 914	61.4	418 243	37 555	25.9	30.8	9.0
OHIO-INDIANA-ALLEGHENY REG.	8 709 922	402 998	234 711	58.2	568 875	39 452	22.9	37.1	6.9
POCAHONTAS REGION	2 166 941	88 425	48 842	55.2	92 166	6 764	30.9	44.4	7.3
SOUTHERN REGION	4 453 501	253 141	153 705	60.7	293 139	27 233	27.9	29.0	9.3
NORTHWESTERN REGION	3 846 157	215 293	134 696	62.6	346 822	28 437	20.0	28.6	8.2
CENTRAL WESTERN REGION	5 613 883	336 304	200 862	59.7	356 570	27 708	30.4	27.9	7.8
SOUTHWESTERN REGION	2 651 240	159 015	97 972	61.6	219 142	11 492	23.4	27.1	5.2
GRAND TOTAL - ALL REGIONS	34 722 365	1 845 202	1 112 360	60.3	2396 768	189 490	24.8	31.2	7.9
NEW ENGLAND REGION									
Atlantic & St. Lawrence	42 079	2 209	1 252	56.7	2 397	241	29.7	33.6	10.1
Bangor & Aroostook	19 909	1 531	971	63.4	3 585	358	13.8	20.5	10.0
Boston & Albany	115 525	7 381	4 533	61.4	7 398	530	32.2	25.5	7.2
Boston & Maine	287 185	16 242	10 942	67.4	32 190	3 560	16.3	26.2	11.1
Canadian Pac. (Lines in Me.)	38 342	1 754	1 362	77.7	783	17	72.2	28.2	2.2
Central New England	49 418	2 667	1 426	53.5	2 446	381	35.2	34.6	15.6
Central Vermont	25 093	1 536	1 201	78.2	2 444	311	20.3	20.9	12.7
Maine Central	79 465	4 789	3 201	66.8	9 909	996	15.6	24.8	10.1
New York, New Haven & Hart.	250 392	15 374	9 939	64.6	38 696	4 252	12.8	25.2	11.0
Rutland	21 738	1 068	831	77.8	1 963	203	17.5	26.2	10.3
TOTAL - NEW ENGLAND REGION	929 146	54 551	35 658	65.4	101 811	10 849	17.3	26.1	10.7
GREAT LAKES REGION									
Ann Arbor	44 132	1 753	1 269	72.4	2 497	309	22.6	34.8	12.4
Buffalo, Rochester & Pitts.	197 064	8 789	4 746	54.0	12 521	1 093	22.6	41.5	8.7
Chgo., Det. & Can. Grd. Trk. Jct.	9 601	442	277	62.7	2 005	257	7.1	34.7	12.8
Delaware & Hudson	356 729	15 415	9 836	63.8	17 362	1 269	28.6	36.3	7.3
Delaware, Lackawanna & West.	452 996	24 331	15 646	64.3	23 531	1 472	33.4	29.0	6.3
Detroit & Mackinac	4 336	281	186	66.3	886	231	10.2	23.3	26.1
Detroit & Toledo Shore Line	16 103	645	420	65.1	867	125	24.0	38.3	14.4
Detroit, Grand Haven & Mil.	16 729	1 032	676	65.5	2 507	322	13.3	24.8	12.8
Erie (Incl. Chicago & Erie)	1 011 024	48 299	31 451	65.1	51 268	4 117	30.4	32.1	8.0
Grand Trunk Western	102 192	8 187	4 211	51.4	5 013	643	52.7	24.3	12.8
Lehigh & Hudson River	29 946	1 354	799	59.0	832	107	52.5	37.5	12.9
Lehigh & New England	26 038	1 018	545	53.6	2 736	183	12.0	47.7	6.7
Lehigh Valley	534 500	26 277	16 239	61.8	32 726	3 712	25.9	32.9	11.3
Michigan Central	339 241	21 816	13 274	60.8	27 372	2 109	25.7	25.6	7.7
Monongahela	30 867	1 049	558	53.2	1 516	45	22.3	55.3	3.0
New Jersey & New York	316	22	11	53.3	100	-	6.9	27.6	-
New York Central	2 030 587	112 733	66 026	58.6	143 723	11 635	25.3	30.8	8.1
New York, Chicago & St. Louis	221 814	15 917	9 617	60.4	9 876	800	52.0	23.1	8.1
New York, Ontario & Western	63 107	3 030	1 748	57.7	4 805	812	20.3	36.1	16.9
New York, Susquehanna & West.	5 480	256	175	68.3	1 888	52	4.4	31.4	2.8
Pere Marquette	193 821	11 038	6 998	63.4	18 899	1 562	18.8	27.7	8.3
Pittsburg & Lake Erie	222 597	8 090	5 240	64.8	25 236	2 806	10.3	42.5	11.1
Pittsburg & Shawmut	14 239	564	298	52.8	871	58	20.9	47.8	6.7
Pittsburg & West Virginia	9 849	384	242	62.9	933	97	13.3	40.7	10.4
Pittsburg, Shawmut & Northern	12 065	460	270	58.9	2 134	1 283	6.9	44.6	60.1
Ulster & Delaware	1 900	125	69	54.9	239	3	16.9	27.7	1.3
Wabash	404 302	22 168	15 087	68.1	25 900	2 453	27.6	26.8	9.5
TOTAL - GREAT LAKES REGION	6 351 575	335 475	205 914	61.4	418 243	37 555	25.9	30.8	9.0
OHIO-INDIANA-ALLEGHENY REGION									
Atlantic City	3 455	201	136	67.8	148	3	43.8	25.3	2.0
Baltimore & Ohio	1 689 105	81 732	46 678	57.1	109 629	7 150	24.0	36.2	6.5
Beebeemer & Lake Erie	126 525	3 632	2 641	72.7	8 453	1 326	13.9	47.9	15.7
Buffalo & Susquehanna R.R. Corp.	22 557	916	492	53.7	1 347	193	21.9	45.8	14.3
Central R.R. of New Jersey	232 966	11 135	6 477	58.2	25 913	4 472	13.9	36.0	17.3
Chicago, Indianapolis & Louis.	94 597	4 819	2 864	59.4	7 520	721	20.7	33.0	9.6
Cincinnati, Indian. & Western	23 719	1 150	815	70.9	1 931	407	19.2	29.1	21.1
Cincinnati Northern	37 386	1 577	1 012	64.2	1 209	113	42.1	37.0	9.3
Cleve., Cin., Chgo. & St. Louis	561 970	33 146	17 790	53.7	37 829	3 894	28.3	31.6	10.3
Detroit, Toledo & Ironton	43 766	1 989	1 126	56.6	3 578	329	17.9	38.9	9.2
Hocking Valley	143 230	6 056	3 200	52.9	11 348	3 251	17.2	44.8	28.6
Kanawha & Michigan	48 262	2 065	1 175	56.9	3 420	458	19.5	41.1	13.4
Lake Erie & Western	69 840	3 283	2 422	73.8	4 825	864	21.9	28.8	17.9
Long Island	10 521	790	496	62.9	4 968	185	5.1	21.2	3.7
Pennsylvania System	4 358 054	200 130	116 412	58.2	271 339	10 534	23.8	37.4	3.9
Perkiomen	6 685	319	201	63.1	139	-	74.0	33.2	-
Philadelphia & Reading	656 515	27 530	16 600	60.3	39 242	2 682	22.6	39.5	6.8
Port Reading	7 554	324	174	53.6	2 335	54	4.5	43.5	2.3
Staten Island Rapid Transit	a	95	64	67.3	2 733	52	1.1	-	1.9
Toledo & Ohio Central	136 361	5 559	3 006	54.1	8 470	913	21.2	45.4	10.8
Toledo, St. Louis & Western	88 263	4 650	3 147	67.7	3 346	269	44.8	28.0	8.0
Western Maryland	231 851	8 024	5 116	63.8	9 186	640	28.2	45.3	7.0
Wheeling & Lake Erie	116 740	3 876	2 667	68.8	9 917	942	12.6	43.8	9.5
TOTAL- OHIO-INDIANA-ALLEGH. REG.	8 709 922	402 998	234 711	58.2	568 875	39 452	22.9	37.1	6.9
POCAHONTAS REGION									
Chesapeake & Ohio	995 366	40 934	22 721	55.5	44 728	3 609	29.5	43.8	8.1
Norfolk & Western	905 940	36 970	20 372	55.1	38 742	2 552	30.8	44.5	6.6
Rich., Fredericksburg & Potom.	28 629	2 288	1 358	59.3	1 297	157	56.9	21.1	12.1
Virginian	237 006	8 233	4 391	53.3	7 399	446	35.9	54.0	6.0
TOTAL - POCAHONTAS REGION	2 166 941	88 425	48 842	55.2	92 166	6 764	30.9	44.4	7.3

DECEMBER	1920	Frt. car-miles (thousands)			Freight cars on line daily		Efficiency Ratios		
Road	Net ton-miles (thousands)	Total	Loaded	Per cent loaded to total	Total	Unserviceable	Car-miles per day	Tons per car	Per cent of unserviceable cars
	1	2	3	4 = 3 ÷ 2	5	6	7 = $\frac{2+5}{31}$	8 = 1 ÷ 3	9 = 6 ÷ 5
SOUTHERN REGION									
Alabama & Vicksburg	14 567	832	576	69.2	949	143	28.3	25.3	15.1
Alabama Great Southern	66 881	3 720	2 654	71.3	2 328	357	51.5	25.2	15.3
Atlanta & West Point	6 128	363	272	74.8	438	62	26.8	22.5	14.2
Atlanta, Birmingham & Atlantic	33 402	2 168	1 277	58.9	2 034	257	34.4	26.1	12.6
Atlantic Coast Line	314 436	23 912	14 179	59.3	32 876	3 217	23.5	22.2	9.8
Carolina, Clinchfield & Ohio	73 529	3 328	1 862	55.9	4 341	415	24.7	39.5	9.6
Central of Georgia	114 228	6 655	4 054	60.9	6 843	790	31.4	28.2	11.5
Charleston & Western Carolina	19 431	857	584	68.2	1 346	81	20.5	33.0	6.0
Cin., New Orleans & Texas Pac.	113 378	6 964	4 534	65.1	9 039	577	24.9	25.2	6.4
Columbus & Greenville *	6 237	361	242	67.0	696	59	16.7	25.8	8.5
Florida East Coast	51 474	4 407	2 505	56.8	3 411	166	41.7	20.5	4.9
Georgia	22 245	1 349	936	69.4	1 780	406	24.4	23.8	22.8
Georgia Southern & Florida	25 686	1 711	953	55.7	2 626	256	21.0	27.0	9.7
Gulf & Ship Island	7 737	501	341	68.0	1 343	38	12.0	22.7	2.8
Gulf, Mobile & Northern	22 112	1 123	824	73.4	2 336	160	15.5	26.8	6.8
Illinois Central (Incl. Y&MV)	1 440 688	76 135	43 880	57.6	65 188	3 042	37.7	32.8	4.7
Louisville & Nashville	635 851	42 867	25 376	59.2	50 658	8 544	27.3	32.9	16.9
Louis., Henderson & St. Louis	20 555	899	608	67.6	574	36	50.5	33.8	6.3
Mississippi Central	1 451	97	67	68.6	603	93	5.2	21.7	15.4
Mobile & Ohio	180 356	8 766	5 729	65.4	8 682	1 864	32.6	31.5	21.5
Nashville, Chatta. & St. Louis	93 152	6 445	3 917	60.8	7 569	883	27.5	23.8	11.7
New Orleans & Northeastern	41 795	2 157	1 534	71.1	3 619	459	19.2	27.3	12.7
New Orleans Great Northern	8 238	450	293	65.2	1 042	26	13.9	28.1	2.5
Norfolk Southern	21 026	1 345	1 073	79.8	3 483	567	12.5	19.6	16.3
Northern Alabama	6 765	389	176	45.3	898	-	14.0	38.4	-
Seaboard Air Line	210 819	14 055	8 886	63.2	18 911	2 274	24.0	23.7	12.0
Southern	684 552	40 346	25 745	63.8	57 830	2 325	22.5	26.6	4.0
Tennessee Central	9 563	509	328	64.5	1 177	63	13.9	29.1	5.4
Western Ry. of Alabama	7 219	430	300	69.8	519	73	26.7	24.1	14.1
TOTAL - SOUTHERN REGION	4 453 501	253 141	153 705	60.7	293 139	27 233	27.9	29.0	9.3
NORTHWESTERN REGION									
Chicago & Northwestern	916 800	51 129	29 734	58.2	72 906	6 279	22.6	30.8	8.6
Chicago, St. Paul, Minn. & Omaha	124 668	7 506	4 994	66.5	12 682	1 530	19.1	25.0	12.1
Chicago Great Western	149 525	8 959	5 841	65.2	9 943	1 309	29.1	25.6	13.2
Chicago, Milwaukee & St. Paul	775 829	47 669	29 866	62.7	63 465	5 057	24.2	26.0	8.0
Duluth & Iron Range	5 437	339	210	61.9	6 768	459	1.6	25.9	6.8
Duluth, Miesabe & Northern	6 019	358	244	68.1	9 132	107	1.3	24.7	1.2
Duluth, South Shore & Atlantic	19 568	1 283	853	66.5	2 940	166	14.1	22.9	5.6
Duluth, Winnipeg & Pacific	13 216	721	503	69.7	1 965	121	11.8	26.3	6.2
Elgin, Joliet & Eastern	180 021	6 168	4 110	66.6	15 183	1 386	13.1	43.8	9.1
Great Northern	576 837	30 159	19 531	64.8	59 097	5 027	16.5	29.5	8.5
Lake Superior & Ishpeming	479	31	16	51.9	1 012	170	1.0	29.8	16.8
Mineral Range	1 245	42	21	50.6	940	6	1.5	58.2	0.6
Minneapolis & St. Louis	122 108	5 951	3 912	65.7	7 824	838	24.5	31.2	10.7
Minn., St. Paul & S.S. Marie	239 052	15 162	9 356	61.7	26 316	1 699	18.6	24.9	6.5
Northern Pacific	564 247	32 685	19 957	61.1	46 440	3 904	22.7	28.3	8.4
Oregon-Wash. R.R. & Nav. Co.	129 928	5 903	4 455	75.5	8 741	311	21.8	29.2	3.6
Spokane, Portland & Seattle	27 178	1 228	1 093	89.0	1 468	68	27.0	24.9	4.6
TOTAL - NORTHWESTERN REGION	3 846 157	215 293	134 696	62.6	346 822	28 437	20.0	28.6	8.2
CENTRAL WESTERN REGION									
Arizona Eastern	8 129	421	247	58.8	682	13	19.9	32.9	1.9
Atchafalaya, Topeka & Santa Fe	923 580	66 505	37 817	56.9	67 377	5 122	31.8	24.4	7.6
Bingham & Garfield	795	23	15	64.7	251	2	3.0	53.2	0.8
Chicago & Alton	183 345	11 434	6 500	56.8	15 589	630	23.7	28.2	4.0
Chicago & Eastern Illinois	254 672	13 009	7 241	55.7	18 842	2 153	22.3	35.2	11.4
Chicago, Burlington & Quincy	1 232 270	68 755	39 109	56.9	71 787	5 176	30.9	31.5	7.2
Chicago, Peoria & St. Louis	16 384	752	522	69.4	1 372	110	17.7	31.4	8.0
Chicago, R.I. & Pac. (Incl. CRI&G)	662 158	40 466	25 975	64.2	50 515	4 581	25.8	25.5	9.1
Chicago, Terre Haute & S. E.	55 611	2 490	1 270	51.0	5 325	643	15.1	43.8	12.1
Colorado & Southern	83 842	3 859	2 407	62.4	7 313	627	17.0	34.8	8.6
Denver & Rio Grande	184 393	8 759	5 922	67.6	16 016	965	17.6	31.1	6.0
Denver & Salt Lake	15 561	709	399	56.3	1 194	113	19.2	39.0	9.5
El Paso & Southwestern	77 985	4 618	2 757	59.7	4 054	221	36.7	28.3	5.5
Fort Worth & Denver City	56 358	3 046	2 095	68.8	3 197	467	30.7	26.9	14.6
Los Angeles & Salt Lake	73 330	5 031	2 916	58.0	3 868	204	42.0	25.2	5.3
Nevada Northern	2 970	110	56	50.6	174	-	20.4	53.4	-
Northwestern Pacific	7 111	526	364	69.2	1 459	40	11.6	19.6	2.7
Oregon Short Line	226 378	11 125	7 180	64.5	13 886	624	25.8	31.5	4.5
Quincy, Omaha & Kansas City	8 669	416	273	65.7	356	2	37.7	31.7	0.6
Southern Pac. Lines (Pac. Sys.)	706 614	47 453	28 058	59.1	41 322	2 649	37.0	25.2	6.4
St. Joseph & Grand Island	16 772	991	652	65.8	914	137	35.0	25.7	15.0
Toledo, Peoria & Western	5 109	306	187	61.0	933	98	10.6	27.4	10.5
Union Pacific	710 040	40 002	25 720	64.3	25 637	2 954	50.3	27.6	11.5
Utah	12 167	491	250	50.8	1 018	16	15.6	48.8	1.6
Western Pacific	89 640	5 007	2 930	58.5	3 489	161	46.3	30.6	4.6
TOTAL - CENTRAL WESTERN REGION	5 613 883	336 304	200 862	59.7	356 570	27 708	30.4	27.9	7.8

* Formerly Southern Railway Co. in Mississippi.

DECEMBER	1920	Frt. car-miles (thousands)			Freight cars on line daily		Efficiency Ratios		
Road	Net ton-miles (thousands)	Total	Loaded	Per cent loaded to total	Total	Unserviceable	Car-miles per day	Tons per car	Per cent of unserviceable cars
	1	2	3	4 = 3 ÷ 2	5	6	7 = $\frac{2 \div 5}{31}$	8 = 1 ÷ 3	9 = 6 ÷ 5
SOUTHWESTERN REGION									
Fort Worth & Rio Grande	3 904	309	178	57.7	781	32	12.8	21.9	4.1
Gulf Coast Lines	52 155	3 355	2 095	62.5	5 462	322	19.2	24.9	5.9
Gulf, Colorado & Santa Fe	155 267	9 687	6 005	62.0	10 923	435	28.6	25.9	4.0
International & Great northern	96 033	5 848	3 568	61.0	6 544	368	28.8	26.9	5.6
Kansas City, Mex. & Orient	6 307	385	263	68.3	705	148	17.6	23.9	21.0
Kans. City, Mex. & Orient of Tex.	9 057	581	407	70.2	1 045	111	17.9	22.2	10.6
Kansas City Southern	143 049	6 718	4 817	71.7	5 700	185	38.0	29.7	3.2
Kansas, Oklahoma & Gulf	21 148	1 136	646	56.9	1 990	259	18.4	32.7	13.0
Louisiana & Arkansas	18 812	1 142	660	57.8	1 724	28	21.4	28.5	1.6
Louisiana Ry. & Nav. Co.	21 873	1 224	798	65.2	3 454	89	11.4	27.4	2.6
Midland Valley	19 583	1 230	679	55.2	2 554	37	15.5	28.9	1.4
Missouri & North Arkansas	6 537	317	236	74.2	678	44	15.1	27.8	6.5
Missouri, Kansas & Texas	163 204	12 056	6 158	51.1	15 029	1 165	25.9	26.5	7.6
Missouri, Kan. & Tex. of Texas	128 874	8 808	4 933	56.0	13 253	387	21.4	26.1	2.9
Missouri Pacific	670 365	37 280	23 722	63.6	54 121	2 815	22.2	28.3	5.2
St. Louis - San Francisco	372 913	22 233	13 755	61.9	34 223	1 390	21.0	27.1	4.1
St. Louis, San Francisco & Tex.	9 450	681	363	53.3	1 383	58	15.9	26.0	4.2
St. Louis Southwestern	132 384	6 968	4 870	69.9	7 402	341	20.4	27.2	4.6
St. Louis Southwestern of Tex.	34 960	2 160	1 445	66.9	3 717	129	18.7	24.2	3.5
San Antonio & Aransas Pass	18 867	1 403	883	62.9	1 897	184	23.9	21.4	9.7
Sou. Pac. Lines (Tex. & La.)	348 317	21 435	12 476	58.2	27 446	1 540	25.2	27.9	5.6
Texas & Pacific	177 880	11 592	7 447	64.2	14 730	1 166	25.4	23.9	7.9
Trinity & Brazos Valley	14 381	868	571	65.2	1 366	131	20.5	25.2	9.6
Vicksburg, Shreveport & Pac.	16 081	958	601	62.8	1 576	119	19.6	26.7	7.6
Wichita Falls & Northwestern	5 548	356	204	57.3	936	6	12.3	27.2	0.6
Wichita Valley	4 291	285	192	67.3	501	3	18.4	22.3	0.6
TOTAL - SOUTHWESTERN REGION	2 651 240	159 015	97 972	61.6	219 142	11 492	23.4	27.1	5.2

a Data not available.

MONTHLY SUMMARY - UNITED STATES

January 1917 to December 1920

Month	Car-miles per day				Tons per car (Revenue and Non-Revenue)				Percentage of unserviceable cars				Per cent loaded to total car-miles			
	1917	1918	1919	1920	1917	1918	1919	1920	1917	1918	1919	1920	1917	1918	1919	1920
January	25.3	18.3	21.4	22.8	26.4	29.6	29.0	28.3	5.6	5.1	6.0	6.6	70.1	70.0	66.2	70.9
February	23.9	22.0	20.2	22.2	26.1	28.4	27.7	28.3	5.5	5.2	5.6	6.5	71.5	70.9	67.5	72.0
March	25.6	24.9	20.4	23.8	26.4	28.1	27.6	28.3	5.4	5.0	5.6	7.0	70.8	71.4	68.1	72.3
April	27.4	25.9	21.0	19.4	25.6	29.4	27.2	28.6	5.8	5.1	6.4	6.5	71.6	68.0	68.1	68.3
May	29.0	26.4	22.8	24.2	26.7	27.7	27.7	28.3	5.6	5.4	7.3	6.6	70.1	66.8	67.4	71.2
June	28.4	26.8	23.0	25.0	27.8	28.3	27.5	29.0	5.6	5.9	8.1	7.0	68.7	66.8	67.9	69.5
July	28.2	26.5	24.1	26.1	27.1	30.1	27.6	29.6	6.0	6.9	8.7	7.2	67.9	64.7	68.0	67.8
August	27.1	26.0	24.2	27.4	27.9	30.1	28.0	29.8	6.0	6.6	9.2	7.1	68.7	67.6	70.4	68.2
September	26.6	26.8	26.5	28.1	27.0	29.7	28.3	30.0	5.8	6.2	8.5	7.2	70.0	66.9	69.6	67.0
October	26.2	26.2	27.3	28.5	27.7	29.7	28.0	29.9	5.6	6.0	7.4	7.3	71.5	67.9	68.4	66.0
November	26.2	24.6	23.2	26.8	27.2	29.5	26.2	30.5	5.2	5.6	6.3	7.5	71.0	67.1	71.3	63.2
December	21.3	22.8	22.2	24.8	29.2	29.8	27.7	31.2	5.2	5.8	6.2	7.9	70.9	65.9	71.1	60.2
Total	26.1	24.9	23.1	24.9	27.0	29.1	27.8	29.3	5.6	5.7	7.1	7.0	70.2	67.7	68.7	67.9